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**NEW YORK.**

January, 1899.

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In the light of the intense excitement caused by the issue of the Life of Cardinal Manning by Mr. Purcell last year, it is only reasonable to suppose that this work will be received with the deepest interest.

## Spinoza.

His Life and Philosophy.

By Sir FREDERICK POLLOCK, Bart., Barrister at Law, late Fellow of Trinity College, Cambridge; Hon. LL.D., of the Universities of Edinburgh, Dublin and Harvard; Corresponding member of the Institute of France; Corpus Professor of Jurisprudence in the University of Oxford. Cloth, 8vo.

The purpose of this book is to put before English and American readers an account fairly complete in itself and on a fairly adequate scale, of the life, correspondence and philosophy of Spinoza. It aims, in the first instance, at being understood by those who have not made a special study of the subject; but the author's hope is that it may be of some use to those who already know Spinoza at first hand, and even to critical students of philosophy.

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Statistical and Historical Annual of the States of the World for the Year 1899. *American Edition.*

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The Statesman's Year Book is in its thirty-sixth year. Heretofore it has contained but few pages of matter relating to the United States. It is now proposed to completely revise and enlarge the chapters on the United States so as to include all official information the public man, writer or speaker may require. Among other data there will appear the personnel of Congress and of the Federal and State governments; finances; population; immigration; production and industry; Congress; the army and navy; commerce; diplomatic officials, both of the United States and of foreign countries, universities, colleges and schools; shipping and navigation; civil service; public domain; bankruptcy; insurance; politics; votes; pensions; patents; liquor traffic, and the facts relating to many other timely topics. In this edition it will be a complete "vade mecum" for every American public man, while retaining all the material which has hitherto made it indispensable. The parts of the *Year Book* which do not relate to America will, as usual, be edited by J. Scott Keltie, LL.D.

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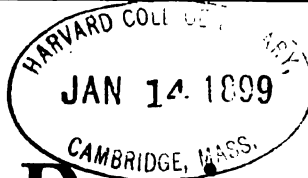
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# Book Reviews

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## CARPENTER'S AMERICAN PROSE.\*

PROFESSOR CARPENTER'S volume may be regarded as a natural supplement of Mr. Craik's "English Prose," just as the latter was a fitting complement of Mr. Humphry Ward's "English Poets," which in turn had been the inevitable outcome of M. Crépet's "Les Poètes français." A prettier example of literary evolution, or rather of the spread of literary influences, is not often met with, but as a rule it does not take several decades for a French idea to cross the Atlantic. Perhaps, however, if a book similar to Professor Carpenter's had appeared ten years ago, it would not have found a public ready for it, or so large a body of critics, to be drawn on for the special introductions, or a sufficient abundance of uncopyrighted works to serve as material for specimens in case of need. Indeed, if one may judge from the refusal of Holmes's publishers to permit the inclusion of extracts from his writings in the present volume, one is warranted in inferring that any earlier attempt to give a similar conspectus of our prose literature might have been distinctly premature. It may even be doubted whether the general editor could have shown so conclusively in his introduction the right of his work to an independent existence had he not been aided within the last decade by the labors of critics resolute to disengage the national note in our literature, chief among whom, as it seems to me, is the genial though patriotically zealous figure of Professor Brander Matthews.

As I happen to be one of the "various writers" honored with a share in the production of this book, I may, perhaps, be excused by my collaborators for saying that in my judgment Professor Carpenter's introductory essay is the best thing in the volume. I have found nowhere else such a clear, concise, dignified and conclusive exposition of the fact that we Americans have a literature of our own that is worth studying. There is not a trace in it of the provincial, or rather colonial, desire to tuck one's head under the Mother Country's wing; at the same time the note of shrill assertiveness characteristic of the half-grown boy eager to cut his parents' acquaintance is nowhere to be discovered. It is admitted freely, by implication, if not explicitly, that American poetry possesses as a whole no very great charm or value, and that our prose, which is our normal mode of utterance, just as it was that of the Romans, is richer in ideas than in beauty. But it is resolutely maintained that "our prose literature in particular consists largely of what may be described as the ideas of individuals on matters of wide general interest, presented for adoption, as a series of resolutions might be, to the assembly

\**American Prose.* Selections with critical introductions by various writers and a general introduction. Edited by George Rice Carpenter, Professor of Rhetoric and English Composition in Columbia University. New York, The Macmillan Company. 1898. 12mo. Pp. xviii + 465.

of the people." This civic note, as it may be called, of American prose is also a democratic note and represents the average American of the nineteenth century just as thoroughly as the free, imaginative note represented the Englishman of Elizabeth's reign. But when a literature possesses a note peculiar to the people that express themselves in it, it is an original national literature, no matter what language it be written in or what relative amount of charm or beauty it may contain. We shall not, if we are wise, agree with half, or even a tithe, of the claims of universal excellence made for our literature by overzealous patriots, but, just as truly, we shall not commit the mistake of failing to acknowledge the original note that Professor Carpenter and other judicious critics have pointed out.

With regard now to the value of the most characteristic and original branch of our literature, to wit—our prose, Professor Carpenter has some things to say that may astonish our more timid critics. He believes that during the period in which we have been writing good prose, that is to say during the eighteenth and nineteenth centuries, we have done work that enables us to rank ourselves among the four nations that have created the greatest modern prose literatures; in other words, we rank with Great Britain, France and Germany. Both British and French literatures are, of course, distinctly above our own "in range and power," but the latter may "fairly be considered, according to the critic's tastes and standards, as superior to German prose literature, as, on the whole, equal to it, or, perhaps, as slightly inferior to it." A truer balance could hardly be made, nor should it be imagined that the prose literatures of the nations placed below us in the scale are at all contemptible. Perhaps, indeed, as Professor Carpenter admits, we are inferior to most foreign peoples in respect to the æsthetic qualities of style, for the civic note requires plain, unadorned diction; but, on the other hand, our freedom from the temptation to cultivate preciosities of style may in part account for the comparatively high rank to be assigned to our prose literature in its entirety.

Passing now from the editor and his introduction to a consideration of the body of the book, we perceive that, like its predecessors, it has two different publics in view. It is likely to appeal to the general reader, who will get from it a bird's-eye view of two centuries of our prose literature, to say nothing of the pleasure to be derived from reading what competent critics have to say of their favorite writers. It is likely also to be useful as a text-book in high schools and colleges, since it contains a large quantity of those specimens dear to the heart of the average teacher of literature, as well as a sufficient apparatus of biographical and bibliographical data. Of these two uses it seems to me that the volume subserves the former more thoroughly than it does the latter, because even its experienced editor has not been able to make his sixteen contributors work in entire unison; but I am quite sure that in the hands of a judicious teacher it would become an excellent manual for an advanced class in American literature.

The first test one naturally applies to such a book is the determination of the principles of selection that have been followed by its editor. The present volume stands this test admirably. Scarcely a single writer is included about whose fitness for such an honor there could be any question. Indeed, some readers may be inclined to accuse Professor Carpenter of illiberality in not having found room for more than twenty-five of our prose writers. They will confess to the propriety of omitting all living authors, but they may perhaps ask: "Where are George Bancroft, Channing, Margaret Fuller, Mrs. Jackson ('H. H.'), Sylvester Judd, whose 'Margaret' used to be so praised, Kennedy, Melville, Simms, Whipple, Willis, Theodore Winthrop and William Wirt?"

To this inquiry the editor would probably reply with truth that his book is not designed to be a history of American prose or to compete with any of the numerous "Libraries" on the market, and that none of these authors is great enough, whether from the point of view of style or from that of matter, to be ranked among our best writers. To such an answer I, at least, could not reply. Not one of the authors named above can fairly be ranked with those Professor Carpenter has selected, even Simms, who has been admitted into the "American Men of Letters" series, possessing, for the purposes of this book at least, chiefly an historical importance which might easily have been brought out, but has not been, in the essay on Cooper. In this connection I may express the regret that more grouping of authors was not attempted in the introductions, which would not have materially increased the size of the volume and would have rendered it still more useful as a text-book. I wish, too, that the appendix, which includes a few short extracts from seventeenth and eighteenth century writers had been made longer by a page or two taken from those picturesque Virginians, Robert Beverly and Colonel William Byrd. But these are trifles that are as nothing when balanced against the service Professor Carpenter has done by refusing to cumber his book with authors whose merits are accepted mainly on tradition.

With regard to the writers included it is easy to see that they fall naturally into four main groups, to which a fifth may be added to accommodate the few stragglers. First we have the theologians represented by Cotton Mather, who, indeed, stands rather for ecclesiastical history, and Jonathan Edwards. These two great men are typical of the Puritan period of our literature, which after 1750 gave place to the political period. The latter is represented by seven publicists, stretching from Benjamin Franklin to George William Curtis, and to these we may legitimately add General Grant, who is admitted on account of his famous memoirs, but whose value as a writer is intimately dependent upon his position as a public character. Besides those just named, this group includes Washington, Thomas Paine, Jefferson, Webster and Lincoln. Obviously the civic note which Professor Carpenter takes to be dominant in our literature is most conspicuous here, but just as plainly it is found in the two theologians, in Motley and Lowell and Whitman and Emerson, and even in some of the writers of the third group—the novelists and romancers. Of these latter, eight are taken as representatives; Charles Brockden Brown, Washington Irving, Cooper, Hawthorne, Longfellow, Poe, Holmes and Mrs. Stowe. Poe, Holmes and Longfellow, together with Lowell, Emerson and Whitman, stand for the fact, noticeable in other literatures, that the prose of poets is generally of good quality. Irving and, to a less degree, Cooper link themselves also to the next group, that of the historians, to which, in spite of the fact that Americans are acknowledged to have succeeded eminently in writing history, only three names are admitted—those of Prescott, Motley and Parkman. In criticism Lowell's great name is alone in evidence, unless Whitman's miscellaneous prose be considered warrant for bringing together two most antipathetical writers. In philosophy Emerson stands alone, a congenial position which must also be allowed to Thoreau.

These are the twenty-five writers whom Professor Carpenter has chosen to illustrate the quality of our prose literature. The classes into which they fall illustrate its range. Obviously theology and history, if considered in themselves, are not fairly treated; but just as obviously they have been liberally treated from the point of view of literature—the only legitimate one for the editor to take. The publicists have been generously dealt with, but after all they best represent that civic note which is our literature's chief characteristic. In criticism we have clearly had only one writer of classical excellence—

Lowell ; nor will the uniqueness of Emerson, Thoreau and Whitman, and their right to representation in such a book be seriously disputed. In the domain of imaginative prose we have not done superlatively well, but that we have done more than fairly is abundantly proved by this volume. Longfellow's, the only doubtful name, at least illustrates the civic note, while Brockden Brown, the only writer in the group whose historical value is predominant, is better worth reading for his intrinsic merits than the general public seems willing to admit. And when all is said, Cooper, Irving, Poe and Hawthorne are writers of fiction who would both ennoble and distinguish any literature.

As for the critical treatment accorded these writers in the special introductions it is needless to say that it varies in merit, but that on the whole it is quite satisfactory. Those introductions that fail to come up to the teacher's requirements, because they lay little stress on formal style and other matters of pedagogical interest, are often precisely the ones that will most attract the average reader, because they bring out points which only the living critic that wrote them could well have dealt with. An example in point is Colonel Higginson's very interesting defense of Thoreau against Lowell's criticism. Thus we see that the book rarely fails to appeal to at least one of the classes of readers for whom it is designed. Sometimes it appeals admirably to both, as in the case of Professor Matthews's introduction to Irving, which brings out in a masterly manner that writer's often underestimated originality and his influence upon subsequent American literature. With this essay by Professor Matthews I am inclined to rank that on Emerson by Professor Santayana, which, while from its subject it could hardly appeal to a schoolboy, will be found most suggestive by the more matured student. Personally I agree with the same able critic's estimate of Walt Whitman, but I am not sure that it would not have been better to commit that eccentric personage to more sympathetic hands. I have this feeling, too, with regard to Professor Lewis E. Gates's treatment of Poe. When this excellent Harvard critic writes of Hawthorne he succeeds admirably with his congenial theme, but he must certainly be classed among those Americans whose disparagement of Poe causes European critics to rub their eyes with astonishment. His essay on Poe is brilliant and eminently readable, but I fancy that it would induce an unsophisticated reader to wonder why Poe ever had the impudence to be born, much less to live and write.

Space for much further particular comment fails me, even if it were desirable. It is clear that the critics dealing with the publicists and historians had an easier task than those occupied with the imaginative writers, but the fact that the best essays have probably emanated from the latter group shows either that congenial subject-matter counts for much or that the difficulty of a task is often the best incentive to success. That the non-imaginative writers are dealt with adequately, considering the limits of the volume, is not, however, too much to say, if, indeed, it be not too little, in view of such excellent essays as those of Professor Harry Thurston Peck on Webster and Lincoln.

In conclusion, I may remark that the short biographical and bibliographical notices, many of which are due to the general editor, seem to be very free from careless errors so far as I have been able to observe. A sentence in the notice on Curtis to the effect that "up to the time of Blaine's nomination for the Presidency he was a Republican, but after that, though he supported Garfield, he was independent of party ties," has puzzled me a little, but I suppose there is a good deal more in political history, or else in the ways of reading an English sentence, than is dreamed of in my philosophy. As for the specimens chosen to represent each author they are certainly characteristic of those writers with whom I am specially familiar, and I infer that they have been selected

in general with great discretion. Indeed, discretion, sanity one might say, is a notable characteristic of this book, and when I add that in my judgment good taste and sound scholarship are equally conspicuous in its editing, it will be at once apparent why I consider it an honor to have been allowed to take a modest share in its preparation, and why I venture, though thus committed to the undertaking, to praise it heartily and to recommend it not only to my fellow teachers, but to the general public as well.

W. P. TRENT.

### THE STORY OF FRANCE.\*

FROM the time of Cæsar, who wrote of the Gauls *sunt in consiliis capiendis mobiles et novis plerumque rebus student*, to our own day of Faure's Ministries despairingly considerate of the Dreyfus case, Brunetière's churlish sneer at the opinions of *intellectuals*, and the French withdrawal from Fashoda—within these limits lies the history of France. Because of the length of the tale, and the mere encumbrance of its pages, the whole *Story* is not contained within these covers. The author in the first volume is able to lead the reader but to the last years of Louis XV.

Through all the long acts and entr'actes of the drama, however, the gaze of the looker-on is ever over the same plateau—notable to our eyes, perhaps, because of its lack of isolated peaks shooting high in the air, as one finds amid our Anglo-Saxon and other peoples—and ever upon the identical, répétitious growth of the early clearings of the plain. For those who are much addicted to change—constantly desirous of new things, *novis plerumque rebus student*—are still the Gauls, and, in spite of the infiltration of other bloods, still fickle, inconstant, devoid of sense of concrete justice, worshippers of the abstract and ideal through grossest materialism, lovers of the sensuous—form, color, taste, motion, immoral what we deem important issues of life, irreligious in the finer sense of the hinging of the individual soul upon the supreme, professedly objective but vitally subjective and self-seeking, graceful, piquant, lively and capable of a surface polish so brilliant that it seems to have depth and inherence.

Ancient Greece was always desirous of new things (so said Socrates in the Stoa Poecile and Paul upon the Areopagus) fickle, inflated, filled with the worship of the abstract idea, and loving sensuous beauty with no golden measure or mean. Rome was vain, grossly material, immoral, irreligious, professedly objective, but always self-seeking. In modern times France combines, and, in fact, seems heir to such characteristics of two decayed nations.

The political life and lingering—almost death—sickness of the people is the subject of this first volume of Mr. Watson's *Story of France*. The political life and death of the French kings has time and again been told. The political life of the hereditary nobility also—in countless memoirs and histories. The political life and devitalization of that other aristocracy, the ecclesiastical rulers—these also.

But the political life of Jacques Bonhomme has had small attention—of Jacques Goodman, whom Froissart, in his account of the Jacquerie, called "certain people of the common villages"—of Johnny Crapaud—of the laborers who, in the persons of their ancestors centuries before, fought for a portion of the soil in the same ranks with the ancestors of these kings—of the common folk who were generally deprived of their

\* The *Story of France*, from the Earliest times to the Consulate of Napoleon Bonaparte. By Thomas E. Watson. In two volumes. Vol. I. To the End of the Reign of Louis XV., pp. 695.

independence and subjected to serfdom; who came to be mere tumble-weeds of their plateau, rolled hither and thither by the chance breath of the aristocratic or royal wind-bags; who beat the marshes to quiet croaking frogs that their lord and lady of yonder castle might sleep o' nights; who died like flies to build Versailles and were dumped unnumbered in trenches of earth as insensate and clodded as their poor heads; who, tortured through centuries of abuse, finally found clear voice and unmanacled hand, and, led by the curés of their church, and the previously inert democracy of their human nature, became the howling *sans culottes* which built barricades and vengefully clipped off the blonde heads of Franks in the streets of Paris a little more than a century ago.

Mr. Watson's *Story of France* is of this human kind. It depicts the undefended, and explains his course—a poor, mean, shabby course for the most part—not so good, so cared for, so clean and decent in environment as the course of the charger which carried his lord to forest, or to battle, or to chase; or of the deer that ranged the domain which no poaching peasant might enter; or of the pig that bred in the castle out-house; or of the capon which served to cool his lord's blood in dietetic exchange for more stimulating viands.

The author's sympathies are with his subject and ring out strong and clear throughout his book. He tells us how the rights of franchise—rights possessed after the Frankish invasion—were lost. Cæsarism was not Cæsarism. The loss was gradual. He tells us how for defense of wife and child, or for conquest of a foe, this privilege was given by the holder of estate in fee; how at the arrogation of the king—in promise, perhaps, of defense from rapacious knights—that tax was assessed; how at the insistence of petty officers of the crown this right was resigned; how precedent, precedent, precedent—like the property of Tennyson's *Northern Farmer* (*New Style*).

“Proputty, proputty sticks, an' proputty, proputty graws,”

precedent, precedent stuck, and precedent, precedent grew—carried all before it, until, instead of a fair, bold, independent, self-reliant, vertical spinal-columned people of Cæsar's and after days, there were the submissive, enslaved contributors to the Montespans and Pompadours of Louis XIV. and Louis XV. It was a case of the strong, the unprincipled, the unfeeling gaining victory, and the concessive going to the wall in most ruthless destruction.

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“These Gauls were not mere savages, as Roman historians have pretended,” the author continues. “Even at that early day, when the Romans themselves were going about with nothing on their legs but hide and hair, the Gauls were wearing breeches.

As a starting-point for comparisons, this undisputed fact gives us encouragement and strength."

The all-embracing sympathies of this book with the oppressed and defeated, the poor and the unfortunate of the actors of the French story, is perhaps no better shown than in the chapter upon the strange, mystic and most wronged of warriors, Joan of Arc, to whose career the eyes of our own time have turned, and for whose beatification and canonization the French Church—with most evident ulterior, political motives—is now at work in Rome.

By lack of space the author's treatment is, unfortunately, given in this article in most fragmentary form.

"Joan was sixteen years old when she confided her plans to her uncle and begged his help.

She wanted to be carried before the governor of a neighboring town, Vancouleurs, in order that he should provide her with means to go and see the king.

After much persuasion, the uncle consented.

He went with her to the governor.

'Send and tell the dauphin that the Lord will give him help before mid-Lent. In spite of his enemies he shall be king, and I myself shall lead him to be crowned.'

Thus spoke Joan to the governor.

'Carry that girl home to her father and whip her well.'

Thus spoke the governor to Joan, laughing.

She returned to Domremy, neither discouraged nor shaken in faith.

\* \* \* \* \*

France almost despaired of herself. The fall of Orleans seemed certain. The bishops fled, and thus the Church seemed to abandon the city to its doom. The Count of Clermont, one of its chief defenders, went away also, carrying his soldiers with him.

The frantic citizens sent to Charles for aid, but he could do nothing for them.

They had appealed to the Duke of Burgundy, but his only response was to become neutral.

Surrounded by the English, all supplies cut off, abandoned by the Church, forsaken by some of their allies, what hope was there for Orleans and France?

Borne by the swift feet of rumor came wonderful tidings to the stricken city. A virgin had arisen out of Lorraine, as was foretold by the ancient prophecies, and was even now on her way to see the king, and to undertake the deliverance of Orleans.

'The king and the Church have failed us, but God has heard our supplications!'

So heated had become the atmosphere because of constant strife, so excited the imaginations of men, so eager were the distressed people to catch at comfort, that the strong wine of confidence was doing its work in Orleans, even before Joan reached the king. We easily believe what we wish to believe.

Perilous was Joan's journey to Chinon, where Charles was holding his shabby little court, wearing his old shoes—the distrustful bootmaker having carried away the new ones.

Yet so hedged about is royalty with forms and ceremonies, that it was several days before Joan could gain admittance to this king, whose kingdom was slipping from under his shabbily shod feet.

Finally Joan is received.

In plain, earnest terms she states her mission.

'I am Joan the Virgin, sent by God to save France.' She asked for troops that she might go and save Orleans.



\* \* \* \* \*

Riding through the streets after the coronation, side by side with the king, cheered joyously upon all sides, she was noticed to be sad.

'I would that God would allow me to return to my home, to my sister and my brothers, to my father and my mother.'

This ended her mission. She said that her Voices had not charged her with any work further than she had already done.

But the king would not have it so. Many cities and towns yet remained in the hands of the English. He knew the soldiers and the people had faith in Joan, and he wished to profit by her further service.

The poor girl yielded, though under protest. She had enemies near the king who hated her for her glory and for her influence. They now took every means to discredit her. Plans which she proposed were rejected. Plans which she disapproved were accepted. She was made to attempt military movements which she did not sanction, and she was not supported in those which she attempted.

Greatly did she suffer, and keenly feel the ingratitude of him she had made king.

The danger from the English having passed, the male commanders grew restive under Joan's leadership. These wretched curs whom she had inspired to bravery and success accused her of being "dictatorial."

It is the old sad story.

\* \* \* \* \*

At Rouen, in May, 1431, Joan was tried for her life. The bishop of Beauvais, a creature in the pay of the English, claimed jurisdiction over her because she was taken in his diocese. He charged her with being a 'witch, idolatress, and heretic.'

The University of Paris urged on the prosecution, and six of its doctors acted as her judges.

Forty judges were empanelled, all of them Frenchmen, except three.

One of these judges, Nicolas de Houpeville, knowing what the 'trial' meant, and feeling it to be a monstrous crime, refused to have anything to do with it.

The bishop of Beauvais imprisoned him, and threatened to drown him, but he escaped jail and fled.

Others besides this honest priest were reluctant to preside at the trial, but threats and persuasions silenced their objections.

So the court is organized, and the trial begins.

On one side is the power of the Church, and the power of English money and arms.

On the other is a helpless country girl, nineteen years old—moneyless, friendless, alone.

What other issue could there be but her condemnation?

How could she help it when they prevented her appeal to the Pope, or to the higher council?

What remedy had she when they suppressed all proofs of her innocence, and strained into the appearance of guilt her every word and deed!

\* \* \* \* \*

'Master Peter, where shall I be to-night?' asked the pale anguished lips, speaking to one of the monks who seemed to look kindly on her.

'Have you not a good hope in God?' he asked.

'Ah, yes; and by God's grace I shall be in Paradise to-night!'

Let the judges go—and come no more.

The record is made up—made up for all ages—made up to be cursed and bitterly despised and hated by all the sons of men forever!

Let the English heart be satisfied.

In all their race for empire, reeking at every step with the blood of the weak, there is nothing worse than this.

Let the axes ring as timbers are cut and faggots laid to make the funeral pile.

And away off at the cottage of Domremy, hard by the Meuse, let the old father and mother bend their aged heads and pray for the little girl who used to give all her coins to the poor, who had soft words and ready help for all the sick, who would give up her bed and sleep on the floor when the tired stranger came by and asked for rest and shelter! They will see her no more.

The French have basely sold her; the English have basely bought her; the king she served has forgotten her; the Church she loved has drawn the dead-line about her;—and look wherever she may, no valiant arm strives for her deliverance, no friendly lips speak audible defence. Those who least deserve to live are living. She who most deserved to live is to live no more.

She receives the Sacrament, with tears and deep devotion.

Clad in a woman's long gown, she is put into a cart, and, guarded by 800 soldiers, she is taken through the crowded streets.

Who is this comes rushing through the multitude, breaking through the ranks of the soldiers and striving to reach Joan? It is a haggard, miserable monk—Loyseleur, the false friend.

Racked by remorse, he has come to ask her forgiveness. The soldiers drive him back.

Joan, weeping and praying, her face bent upon her hands, neither sees nor hears him. What are the people doing?

Grieving, lamenting, sympathizing,—nothing more.

'O Rouen, is it here that I must die?' she cried.

Here and now, Joan. The time is come, poor child, and the white arms of death will take you soon into his infinite rest. A little longer, and the tears will cease forever, and thy splendid courage be tried no more!

In the old market-place they have built three scaffolds, one for the bishops and the nobles who wished to see the execution, another for Joan and some priests and officials, the third for Joan alone.

The last sermon is preached: 'Joan, go in peace! The Church can no longer defend you.'

God save us all from such defence as the Church gave Joan.

Only a few moments are left to her.

She does not see the crowd any more, nor hear them. She kneels and prays aloud, prays fervently, prays passionately,—prays for her king, prays for her friends, prays for her enemies!

All who hear her are touched with a great compassion.

Even the bishop weeps. She begs for a cross. She embraces it, weeping, calling upon God and the saints.

'Hurry up this business.' 'Are we going to wait here for dinner?' Thus cry the English soldiers.

'Take her! take her, and do your duty,' hastily exclaims the baliff of Rouen to the executioner.

Soldiers brutally drag Joan to the third pile, which, as we said, was made for her alone. She is fastened to the stake high up on the scaffold, that the flames may be slow in releasing her to the dread keeping of death.

They set fire to the pile. A monk is by her side, praying with her, and comforting her. His heart so yearns over the desolate girl that he does not notice the ascending flames.

Praise to thee, royal soul! Never wilt thou do a nobler thing.

She saw his danger and bade him go down.

'But hold up the cross, that I may see it,' she pleaded.

Up spring the flames, fiercely leaping, wildly playing; and they catch the shrinking flesh in their red and hungry arms.

But she feels no fear. The good priest holds the cross almost in the midst of the fire; and out of the terrible furnace of flames she is heard crying, 'Jesus, Jesus, Mary. My Voices.'

Then, uttering one great cry, 'Jesus,' she droops her head upon her breast and dies.

'Ten thousand men are weeping. Some Englishman alone laughs, or tries to laugh,' says the historian.

The ashes are collected and thrown into the Seine.

\* \* \* \* \*

Twenty-four years come and go. The French king sits securely upon his throne, and all goes well with the monarchy.

But it occurs to Charles that there is one shade upon his glory. He cannot forget that the people ascribe his success to Joan of Arc. He feels that history must do the same.

But the Church has said that Joan was a sorceress, a witch. She was burnt under conviction of being an emissary of the Devil.

Dull as Charles is, he realizes that Joan's reputation is to some extent his. He made no attempt to save her life—not he. Nor would he do so now. Joan's welfare is not his thought at all. He merely wishes to clear his record, so that it may not be held against him that he owes his crown to a condemned sorceress—a she-devil.

What must Charles do? Did not the Church decide against her at the bidding of a king?

Even so.

Cannot the Church decide for her at the bidding of a king?

Even so. Just as it did before she was allowed to proceed on her mission. Straightway preparation is made to have a new trial of the case.

Dead these many years is Joan's father—dead of a broken heart, they say, because of his daughter's fearful fate.

But the mother still lives, and the brothers.

They are led to petition the Pope to grant a new trial. Perchance mistakes were made. The verdict may, after all, have been a trifle hasty. Joan may, after all, have been entitled to a verdict of acquittal.

\* \* \* \* \*

Solemn judgment is rendered in Joan's favor. She is unanimously acquitted of the charges made against her. The verdict of guilty is quashed, and Joan formally declared 'rehabilitated.'

Joan's family feel gratified.

The people feel gratified.

The Church feels gratified.

The king, especially, feels gratified.

Joan, only, feels nothing. Joan is dead.

Twenty-five years have passed away since the fires at Rouen burned out and died; since the ashes of the brave and tender girl were cast in the Seine, and were carried forth to sublime burial in the sad and solemn sea, where only the mourning waves could chant her dirge, the silent stars light her funeral, and the great God mark her grave."

Whatever theme the author takes up is lit by the brilliance of native eloquence as well as by sympathy with human kind. His writing has in it the most persuasive of all qualities—conviction amplified and enlarged by thought and study of ultimate authorities and sources of final appeal. It is consequently subjective. That is the interpreting medium is an integral part of the tale and is vital, human and convincing. For all objective writing is colorless, passive, void, arctic, non-human—one might almost say inhuman in the meaner sense of the word—and academic, that is, destitute of buoyancy, grace, pulsing blood and spirit. The opposite of this is Mr. Watson's.

In point of fact absolutely objective writing is an impossibility, a contradiction in reason and sense—as impossible as a featureless face, a colorless sea, a landscape without scenery. Nevertheless, the foremost critic of France, Brunetière, and also his followers, to-day proclaim its needs in all but their own egotistical utterances, and in any consideration of a French book or a book upon the gay and graceful France, their ipsedixitism enters one's mind and rises before one's judgment for final estimate—and complete repudiation.

Such would be the last spirit in which to approach the consideration of a people whose torturous misery wrung a cry from the hearts of travelling foreigners for centuries—certainly from Englishmen of the time of Milton; from clever Lady Mary Montague, from tender-hearted Nolly Goldsmith, from Arthur Young; and from Tom Hood and Thackeray in our own century. This history or *Story* shows clearly the point of view of the writer, and like all subjective writing—that is like all writing from the heart and head—it carries weight and influence to the mind of the reader.

Hear, for instance, the author's summary of the character of Louis XI. :

"Historians have denied that Louis was a great man. With one accord they decry him as a beast unclean. I judge this monarch by the work he did, and I dare to say that I find him great.

Never once do I find him destroying the faithful servants of France. The men he crushes are those who plotted against France while eating her bread and wearing her livery.

He strikes down the mad duke of Burgundy, but patriotism demands it. Charles has invited the English back into France and is thus a traitor to his king and his country.

Louis may have poisoned his brother; 'no one thought him incapable of it.' But that brother had proven false to France, and was a helpless tool in the hands of the feudal lords who wished to reëstablish their own tyranny over the king and over the people.

A bad man, say the historians, was Louis. So he was. His methods were underhand, his temper cruel, his disposition naturally full of guile and treachery; but it required, perhaps, just such a combination of qualities as Louis possessed to do the work he was fated to do.

Consider France as he left it! The printing presses he established at work, clumsily weaving the web of a new civilization. The schools are making headway, under royal

encouragement. Commerce is spreading itself into other lands, and has already become well established in far Egypt. Post-horses stand, ready saddled, at regular intervals of four leagues on the highways, to gallop forward with letters. The common people have been called into the councils of the king, the towns elect their own magistrates and appoint the officers of their own guard. One hundred and ninety of their delegates go to the national congress when the king summons the States-General.

At home his power is supreme; abroad his alliance is courted, his enmity feared.

To admit that Louis did all this in a short reign of twenty-one years, and yet deny him greatness, seems to me the folly of mere prejudice."

Or this, regarding the convening of the States-General, October 14th, 1614:

"The nobles concerned themselves about offices and pensions. They wanted newcomers kept out.

The Commons, the Third Estate, demanded a reduction of the pensions paid the *grandeess*, freedom of elections, extension of municipal privileges and security for those already granted, the calling together of the States-General at least once in ten years, a suppression of useless offices, a just division of the public burdens, the reduction of the number of military offices, the suppression of duels, the abolition of customs duties and other restrictions on internal trade, speedier and cheaper trials of law cases, the equality of all before the law, the emancipation of serfs, white slaves, and a fairer division of the Church revenues so that the poor curates might get more and the rich bishops less. They also demanded the laying of protective duties upon foreign merchandise.

Disagreements, many and hot, broke out among the delegates, and they did nothing but wrangle. The court intervened, closed up their hall of meeting, and the delegates melted away.

The demands of the Third Estate are very remarkable, as showing that the grievances of the common people were the same in 1614 as they were in 1789. Not the least noticeable feature of these demands is the request that foreign merchandise should be taxed at the custom-house before it could be sold in France; the result of which would have been that the Frenchman who manufactured goods of like kind could, to the extent of the tax, exclude foreign competition. At the time the manufacturers of France put forth this request, it was a novelty. There were no protective customs duties in all the world, at that time. The duties were asked for in behalf of the manufacturers, who were looking out for their own interests in 1614, just as they are doing at the present day,—just as they have the right to do always. But the manufacturers at that time had no labor vote to fear, and thus they were under no political necessity of saying that they wanted protective duties laid upon foreign goods for the benefit of the laborers. Being so situated that they could afford to tell the truth, they came up like men and said they wanted the law in order that they might get higher prices for their own goods. In other words, the French capitalist wished to shut out the competition of the foreign capitalist; and that purely selfish motive is the soul of every tariff system, no matter how many plausible things to the contrary may be said to the laborers during political campaigns."

Or this regarding the Ancien Régime and Louis XIV.:

"St. Simon relates a curious anecdote of the theft of a lot of laces from off the king's carriage, almost in his very presence. Other authorities tell us that it was a regular thing for the servants to sell dishes from the king's table to the people of Versailles.

One of these rogues had the impudence to steal and pocket a biscuit under the king's eyes. Louis the Grand was already in a bad humor on account of another matter, and he was so incensed with the rascally servant who did not have manners enough to post-

pone his theft until the monarch's back was turned, that the king lifted his cane and belabored the said servant then and there until the cane was broken in pieces.

Somehow we warm to the outraged monarch as we read of this performance. It is almost the only occasion where we see etiquette laid aside, and human nature asserting its primary impulses.

At the court of the king some 15,000 persons were supported at the public expense, absorbing one-tenth of the national revenue. This nest of harpies increases and encroaches until, under Louis XV., they actually devour one-fourth of the income of the state.

In the Church the word duty was likewise sorely neglected. The clergy owned enormous estates from which they drew princely revenues. The cardinals, bishops and abbés were the nobility of the ecclesiastical order, while the curates, who did all the work, were its peasants. The bishop dashed along the highway in his gilded coach, and the curate crouched close to the bank to keep from being trampled into the mud.

The curates and parish priests were worked hard, shabbily clad, ill fed and wretchedly housed, while the princes of the Church aped the princes of the State and lived, like them, in idleness, extravagance and dissipation.

Here and there are exceptions to what we have said of the nobility and the Church. In La Vendée and a few other places the nobles reside on their estates, mingle with the people, and retain their respect and affection. In the same province as well as in some other districts, the Church remembers its mission and the people are faithful to it. This loyalty of the masses to their natural leaders in those provinces where the nobles had been loyal to their duty was strikingly shown during the Revolution of 1789.

The Ancien Régime, then, was the concentration of all political power in the hands of the king; the subjection of the nobles into a servile band of place-hunting sycophants, and the complete subjection of the masses of the people, socially, politically and religiously. Reduced to its last analysis, the system of Louis XIV. rested upon the assumption that the kingdom of France was an estate which God had given to the king; that the nobles were the personal attendants necessary to his glory and comfort; and that the great mass of the people were the serfs whom God had ordained to labor upon his estate of France as long as the world should stand, and to produce from it, by their toil, an exhaustless supply of every good thing needful to the king, his nobles, his priests and his concubines."

To Louis XIV. and down through the Regency and to the last years of Louis XV., the volume as we have said, gives the broad lines of the drama of the French people. For a second volume is reserved the great tragedy of the King and the classes whose encroachments and absolutism had almost destroyed popular rights.

Already, even in the Petit Trianon, are heard far ahead mutterings of the Revolution. Already the Jacques Bonhomme—"certain people of the common villages" according to court-loving Froissart's sentence of centuries before, are learning to think, to speak out and to act together. Mutinous families of Corsica are already nursing the leader of the most brilliant period of modern military life. Flax is springing for French flags that shall fly throughout almost the length and breadth of European lands and waters. Guns and rapiers are moulding which French hands shall bear even to Africa and Asia. And such consciousness is growing as will, once put in action, stir all the peoples of the earth with its horrors, its heroism, its detestable cruelties, and its supreme idea of the humanness of men and of their God-given right to independence and freedom.

## AMONG THE COLLEGES.\*

MR. FREDERICK J. TEGGART, for five years Assistant Librarian of Leland Stanford, Jr., University, has been appointed librarian of the Mechanics' Institute, San Francisco.

THE Catholic University of Washington has received the information that by the will of Daniel T. Leahy, of Brooklyn, it receives \$10,000. No instructions accompany the bequest.

THE number of students enrolled in the departments of the University of California at Berkeley is 1,565, over 150 more than at the corresponding time last year. The Graduate Department has an enrollment of 149 students.

THE will of the late Charles P. Wilder, of Wellesley Hills, bequeathes \$102,000 to Mount Holyoke College, and the Trustees of Wellesley College announce a gift of \$50,000 made by Mr. Wilder before his death. No conditions are attached to the gift.

THE number of undergraduate students at Oxford for the present term is 3,412, four more than last year. The number of matriculations was twenty-one greater than last year, but the B.A. was conferred on only 554 students as compared with 580 in 1897. The number of resident members of congregation is 461.

WE have been able to record, recently, two important gifts to the University of Cincinnati, including the gift of a library

\*In order to make this section of BOOK REVIEWS as complete as possible, the editor asks for the coöperation of college authorities. Properly authenticated news will be printed of all changes in college faculties, changes in instructorships, and important college news.

building by Mr. Asa Van Wormer. The University has now been presented by Mr. William A. Proctor with the library of Mr. Robert Clarke, containing 6,704 volumes valued at over \$50,000.

ACCORDING to the twenty-fifth quarterly statement of the President of the University of Chicago, there were 1,421 students in attendance during the summer quarter, of whom 591 were in the graduate schools. The assets of the University are valued at about \$9,000,000. The income was \$706,973, and the expenditure \$678,399.

MR. CARLOS EVERETT CONANT, a graduate student in the University of Chicago in the department of Sanskrit and Comparative Philology, has been appointed instructor in German and Latin in Kalamazoo College. Mr. Conant was, during one year, instructor in Greek in the University of Minnesota, and has been the past three years Professor of Greek and Latin in Lincoln University.

THE late Edward Austin, of Boston, has given by his will \$1,100,000 for public purposes; \$500,000 is left to Harvard University, \$400,000 to the Massachusetts Institute of Technology, \$30,000 to Radcliffe College, \$30,000 to Roanoke College and \$30,000 to the Tuskegee Normal and Industrial School. The income from these large bequests is to be used for scholarships. The sum of \$10,000 is also given to the bacteriological laboratory of the Harvard Medical School.

THE University of Michigan Museum has been enriched by a gift of the collection of musical instruments brought together by Frederick Stearns. In presenting this collection, of nearly 1,000 pieces, Mr.

Stearns turned over the results of fifteen year's research and over \$25,000 expenditure. The present value of the collection is much greater than its original cost. Among other things, it illustrates the evolution of several musical instruments from primitive times down to the present.

THE Ohio Wesleyan University has just received, through the will of the late Hon. P. P. Mast, of Springfield, Ohio, bequests amounting to \$345,000, \$100,000 to be used for library purposes, \$15,000 for endowment and \$30,000 to create a loan fund to assist young men studying for the ministry. The remainder of the bequest, consisting of his palatial home, valued at \$200,000, is undesignated and may be used by the Trustees of the University for whatever purpose they may deem most urgent.

THE number of resident members of Cambridge University, both graduates and undergraduates, is this term 3,524, a decrease of twenty-one as compared with last year. The stationary condition of the two great universities, when compared with the rapid growth of the American and German universities, is doubtless in a measure due to the establishment of provincial universities, but it may also in part be attributed to the fact that the educational systems of Oxford and Cambridge do not fully meet modern requirements.

DR. JOHN HENRY BARROWS has been elected to the Presidency of Oberlin College. This action was taken by the Trustees of Oberlin on Tuesday, November 29th, and the vote was unanimous. Dr. Barrows is widely known as the pastor of the First Presbyterian Church, of Chicago, and as the one who pushed the Parliament of Religions at the World's Fair through to its successful end. During the last two years he has been lecturing in Calcutta, India, on the Haskell lectureship of the

University of Chicago. Definite word has not yet been received as to his acceptance, but the Trustees had assurance that he would accept before the action was taken.

THE formal inauguration of Frank Pierpont Graves, Ph.D., LL.D., as President of the State University of Washington, Seattle, occurred November 22d. Dr. Graves is well known in and around Boston. Having graduated from Columbia University, he worked for and obtained the degree of Doctor of Philosophy at the Boston University. Later he was a professor in Tufts College, and in 1896 he became President of the University of Wyoming. In 1895 he was married to Helen Hope Wadsworth, who was graduated at Boston University in the class of 1891. Both Dr. Graves and his wife are members of well-known New England families.

The principal speaker on the occasion was President David Starr Jordan, of Stanford University. Another prominent speaker was Hon. John R. Rogers, Governor of the State of Washington.

Dr. Graves is the youngest college president in America. He was born in Brooklyn, N. Y., in 1869.

It is the plan of those who have the up-building of Radcliffe College at heart to erect the academic buildings, which are to be built in the future, around the present site of the college so that a grass court or quadrangle will be left free in the center. The first of these substantial buildings, which is to help form the academic part of the College of the future, is the new gymnasium, now completed and formally opened with appropriate ceremony on Saturday, December 17th. This building is a three-story colonial structure of brick, and is the gift of Mrs. Augustus Hemmenway. On the basement floor are the lockers and the swimming tank, 60 by 30 feet, with a depth



varying from  $3\frac{1}{2}$  to 6 feet. This swimming pool is the gift of Miss Marian Hovey. On the second floor are the shower baths and lockers and rooms for the director and medical adviser. The gymnasium proper occupies the entire third floor, and is equipped with all machines of a modern gymnasium, including apparatus for Swedish gymnastics. Above the gymnasium floor is a running track nearly six feet wide, with a five-inch slope on the bends.

In addition to the erection of these scholastic buildings about the quadrangle, it is also the plan to secure elsewhere a suitable site for outdoor athletic grounds and halls of residence. The first gift for a hall of residence was announced last class day.

The present Radcliffe girls, the alumnae and many of Radcliffe's friends are also actively at work to secure funds for a number of scholarships. Nine scholarships were awarded this fall, while the sums for several others will be made up before another year. By the will of the late Edwin Austin, Radcliffe College receives \$30,000.

THE Columbian University, Washington, D. C., has established, in connection with its well-known Law School, a department known as the School of Comparative Jurisprudence and Diplomacy. The establishment of this School is a great step in advance, and marks a new era in legal education. It provides a post-graduate course leading to the degrees of Master of Laws, Doctor of Civil Law and Master of Diplomacy. The design of the School is to afford a training in the higher and broader subjects of jurisprudence, and the history, science and practice of diplomacy.

The course covers two years, and the general subjects of study are Comparative Constitutional Law, Conflict of Laws, Roman Law, Political History and Science, and the Interstate Commerce Law, for the

first year; History of Diplomacy and Treaties, Political Geography in its relations to Political History, Comparative Jurisprudence, International Trade and Finance, Practice of Diplomacy, Boards of International Arbitration and proceedings therein, for the second year, and other special subjects to be added later.

The list of professors and lecturers for the first year is as follows: Benaiah L. Whitman, President; Charles W. Needham, LL.M., Dean; Hon. John M. Harlan, LL.D., Associate Justice of the Supreme Court of the United States; Hon. David J. Brewer, LL.D., Associate Justice of the Supreme Court of the United States; Hon. John W. Foster, LL.D., Ex-Secretary of State; Hon. William Wirt Howe, of the New Orleans Bar; Hon. Willis Van Devanter, Assistant Attorney-General of the United States, and Hon. Lyman J. Gage, Secretary of the Treasury.

President McKinley honored the school with his presence at the inauguration of the School, as did also Sir Wilfrid Laurier, Premier of Canada, and the latter delivered a brief but felicitous address, which was highly appreciated by the large and distinguished audience.

Many other noted people were present, members of the United States Supreme Court, Ministers and *Chargés d'Affaires* resident in Washington, and other prominent people in official and social life.

The enrollment of students in this course has been exceptionally large and gratifying, there being already 75 registered.

In view of the rapid extension of our international relations and commerce, and the increasing need for men in our diplomatic and consular service who are thoroughly qualified and informed on international and constitutional questions, this School is most opportunely established, and with its exceptional facilities and location at the National Capital it can hardly fail to attract many students from all parts of the country.

THE current session of Tulane University promises to be one of the most successful in the history of the institution. Within the first week after the opening of the University the number of Freshmen present and matriculated had passed the number enrolled in that class during the whole of the last session. The reports from all the colleges and departments of the University are most encouraging.

Since Tulane is somewhat removed in its location from the other great universities, it may be well to explain that it embraces in active operation a Graduate or University Department of Philosophy and Science, a University Department for Teachers, a College of Arts and Sciences, a College of Technology, the H. Sophie Newcomb Memorial College for Young Women, a Department of Medicine, and a Department of Law. The attendance in all these for the last session was 835, the Graduate Department numbering 27, and the Department for Teachers, 46.

The method of instruction in the Colleges of Tulane University is much the same as in other colleges. There are recitations, lectures, continual work in the laboratories and libraries, with exercises and composition-work of various kinds. In the Graduate Departments the work consists, as far as it may be summarized in a phrase, in the scientific investigation of questions of interest, with the help of lectures, laboratories, libraries, discussions of written papers after the manner of the seminar and the reducing of results to clear, definite and available form.

Professor Thomas Carter, who occupies the chair of Greek left vacant by the death of Ashley D. Hurt, began his work this session, filled with the enthusiasm he had imbibed in his travels during the summer in Greece and Italy. It is interesting to note that, at present and for a number of years past, young women show greater interest in graduate work in Greek in Tu-

lane than do young men. And that the interest is real and abiding, is shown by the thorough and persistent effort they devote to the study.

The war with Spain has resulted here in a victory for the Spanish if not for the Spaniards. The course in that language has, in response to a demand, been extended and improved, and under Professor Alcie Fortier's direction has become a most popular elective. The study of Sugar Engineering, too, will, without doubt, receive a new impulse as a result of the war with Spain. This course, under the direction of Dean Brown Ayres and Professor Levi W. Wilkinson, has been in successful operation for some time; and now, if there is any logic in the coincidence of time, place, and the men for the place, then the course in Sugar Engineering in Tulane is sure of even greater success than in the past.

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PRESIDENT LOW's report for 1898, which has just been published, states for the first time the amount of the large sums which have been expended in the transfer of the University, with the exception of the College of Physicians and Surgeons, from the old site to its new and beautiful home on Morningside Heights. The total amount is nearly seven millions, of which two are for the purchase of the land. The debt of the University is about \$3,750,000. The problem before the Trustees is to meet the interest on this large sum and to pay off the debt itself without curtailing in any way the educational advantages which the University offers so liberally. By various means, which the President explains in detail, it is expected that in five years the University will have made great progress in overtaking its obligations.

One interesting result of the present situation is that the Trustees have found themselves slowly drawn to a project which the Alumni have for years urged—the

establishment of dormitories. While the graduate and professional schools of Columbia are among the largest in the country, the College itself has only about 400 students. The building of dormitories, of which the Trustees have at last formally approved, is very likely greatly to increase this number, and in due time to insure the building up of the College on the same scale as that of the other large American Universities.

Interesting also, in connection with the widening scope of the University, is the proposition for the establishment of summer schools. The plan has not yet been perfected or formally adopted, but it is under consideration and is supposed to be regarded favorably. Visitors from all parts of the country have long known upper New York as a comfortable place for tarrying in the summer, strange as it may at first seem to some, and it seems reasonable to suppose that the many advantages of the city and the natural charms of Morning-side Heights will attract a very considerable number of summer students.

Professors Price, Dunning and Wilson are spending their Sabbatical year in Europe, in rest and various researches.

Mr. W. T. Brewster, who spent last year in study in Portugal and Spain, has resumed his University duties. He brings with him a very carefully selected library of Portuguese literature, which is probably one of the best in the country.

Professor Brander Matthews' new novel, "A Confident To-morrow," will be issued serially, in 1899, in *Harper's Bazar*.

Professor Peck has recently published a very interesting translation of Petronius's "Tremalchio's Dinner," and is preparing a volume of literary essays.

Professor A. V. W. Jackson has completed his authoritative work on "Zoroaster," which has just been published by the Macmillan Company.

The *Columbia University Quarterly*, published by the University Press, is to

take the place of the old *Bulletin*, which was founded in 1890, and of which twenty numbers in all appeared. The *Quarterly* is addressed mainly to the alumni, and plays much the same part as the *Harvard Graduates' Magazine* does in its own community.

An appointment committee has been established, with the purpose of securing for alumni positions as instructors in schools and colleges.

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THE present academic year has been marked at Princeton by three important steps. The chief of these, **Princeton.**

because it concerns undergraduate instruction, which is always a paramount consideration, is the introduction of Latin as a required study in the Freshman year of the School of Science, and as an elective in the Sophomore year. No more essential change has been made at Princeton in the last decade. The insufficiency of an education without, or almost without, Latin has been clearly proved by an experiment of twenty years. The average School of Science student has been less mature, less manageable and less successful even in scientific branches than the average Academic student. When seated side by side in Junior and Senior elective courses, such as Physics, History and Economics, open to men of both departments, the superiority of the Academic students, with from six to eight years of Latin and from four to six years of Greek behind them, over the Scientific students, with only one or two years of Latin and no Greek, has been very marked. This difference has been only slightly compensated for by a small excess of Mathematics and Modern Languages on the part of the Scientific men. Apart from athletics, they have not done anything like a proportionate share of general college work, such as debating, speaking, writing and editing college papers. The literary societies have been conducted without much active aid

from them. On the other hand, they have contributed far more than their share of cases of discipline, and about forty per cent. of those who matriculate in Freshman year have to be dropped. The class of '99 in the School of Science numbered in Freshman year 106, in Sophomore year 84, in Junior year 65, and at the beginning of Senior year 60. No such great falling off occurs in the Academic classes, although their course is at least as severe. Evidently the drill of language study makes for maturity of mind and character. The new courses are in charge of Mr. E. G. Elliott.

The second important movement is the establishment of seminaries for advanced work. In the new library building there are thirteen rooms, handsomely wainscoted in oak, for use as departmental headquarters in work with graduate students and selected undergraduates. Nine of these rooms have been set aside for the departments of Classics, English, Economics and Sociology, Philosophy, Jurisprudence and Politics, History, Romance Languages, Germanic Languages and Mathematics. Several of the departments have organized for seminary work, chosen directors, raised funds for the purchase of books and furniture, and begun operations. In equipment the classical seminary, with a fund of \$8,500, is in the lead. The English seminary, with less endowment, has been in working order all term, with several graduate students and some Seniors. Professor Bliss Perry has been elected director, and he and Mr. Bayard Tuckerman are conducting courses. The department of Philosophy and that of Economics and Sociology are already partly endowed. Professor J. H. Westcott has for several years been conducting a Latin seminary, which will be continued as a pro-seminary. Professor Baldwin's seminary in Psychology, established in Nassau Hall, will also be continued.

The third important movement this term

has been made by the undergraduates, who have resolved to abolish hazing and have taken upon themselves to detect and report for punishment any who violate the law in this particular. There is every reason to trust their intention and ability to make this reform effective. Its operation has been put in the hands of a committee of leading students, chiefly upper-classmen.

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THE University of Toronto will this year celebrate the close of its first half century.

**Toronto.** Between 1843 and 1849 the old "King's College" had been maintained in Toronto largely as a school of theology, under the auspices of the Church of England, but at the latter date all teaching in divinity was abolished, a Senate was appointed, of which a number of the members represented the government of Upper Canada, and the name was changed to the "University of Toronto."

Since 1849 the institution has gone through two essential changes. In 1853 the teaching faculties of Medicine and Law were done away with, though degrees were still granted in these departments as well as in Arts, for which alone stated instruction was provided. This arts teaching was relegated to the faculty of the so-called "University College," in which the "University," through its Senate, had the duty of framing the curriculum, holding the examinations and admitting to the degrees in Arts, Law and Medicine. The constitution of the University of London, and the associated University College, was pretty closely followed in this new foundation.

The dual system thus outlined lasted for thirty-four years. Along with the gradual augmentation of the College Faculty and the rapid increase in the number of students, the growth of the University was chiefly marked by the affiliation of schools of theology, whose pupils received, on

special conditions, the benefit of the College lectures. Schools of Medicine, whose candidates were admitted to degrees, were also affiliated to the University.

In 1887 the "University Federation Act" was passed by the Parliament of Ontario. The aim of this measure was to strengthen the State University and at the same time to make it possible for the several denominational universities to avail themselves of its educational facilities and appliances in the Arts Department. Already, by virtue of the Act, the Victoria University, which long represented the Methodist body at Cobourg, has given up its power of conferring degrees in Arts, has removed to Toronto and is now confederated with Toronto University.

At the same time a fundamental change was made in the constitution of the University itself. It ceased to be a non-teaching body as distinguished from University College To University College, and to any federating college such as Victoria, is reserved the teaching of Greek, Latin, Oriental languages, English, French, German and ethics. Each college enrolls and instructs its own students, having its own separate faculties, representing the subjects just named. But the University Arts faculty gives instruction, without special fee, in all other subjects to all the students of the colleges, as the curriculum and their election of subjects may require.

Moreover, the old University School of Medicine was revived at the same epoch and made part of the University Faculty, so that its students have the advantage of the use of the scientific laboratories of the University. There are also federated with the University several theological schools, whose students, while undergraduates in arts, have certain advantages in the choice of their subjects. The School of Practical Science in Toronto, the Ontario Agricultural College at Guelph, as well as several professional institutions not under State control, are affiliated with the

University, which prescribes their curricula and, after its own examination, grants their degrees. These, as well as the federated colleges, are represented in the University Senate, which has also a certain number of members appointed by the Government and others elected by University graduates.

The practical working out of the Federation scheme has been for some time the subject of chief educational interest in Ontario. It has been a question of the gradual adjustment, with many complications, of various diverse interests. Although in some parts still in the tentative change, it may be regarded, upon the whole, as a success.

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THE academic year, now well under way, shows a slight increase in attendance over last year. The number of students entered up to this date is 1,007, divided among the various colleges as follows: Arts, Philosophy and Science, 367; Engineering, 309; Agriculture and Domestic Science, 127; Law, 160; Veterinary Medicine, 12; Pharmacy, 30. The largest increase has been in the Colleges of Agriculture and Law.

The College of Law, during the six years of its existence, has achieved a notable success, and is now firmly established in the respect and good-will of the people of the State. Its standard of work may be inferred from the fact that of the thirty-four candidates from the University who this year took the State examination for admission to the bar only one failed to pass. A distinct step forward has been recently taken in making the requirements for admission identical with those for the four-year courses in the other colleges of the University.

The location of the University in Columbus made it somewhat more liable than many of its sister institutions to the distractions incident to the late war. Its

actual participation in the war is shown in a recently-published roster of 135 men who left the Ohio State University to go to the front. A number of these obtained commissions as line or staff officers, and all employed to great advantage the military training which as underclassmen they had received at the University.

Two books, which promise to be of permanent value, have been issued by members of the University faculty during the present semester. One of these is volume II. of the "History of Political Parties in the United States," by John Pancoast Gordy, Professor of Education; the other is "The Underground Railroad from Slavery to Freedom," by Wilbur Henry Siebert, Associate Professor of European History.

At the meeting of Presidents and officers of "land-grant" colleges, held in Washington, November 15th-18th, the University was represented by Professor Canfield, Professor Hunt, Mr. W. I. Chamberlain, and Secretary Alexis Cope, of the Board of Trustees. The attendance was gratifyingly large, twenty-five heads of institutions being present from all sections of the country. Perhaps the matter of greatest interest was the adoption of the report of a committee appointed at the Minneapolis meeting of July, 1897 (under a resolution introduced by Mr. Cope), "to consider and if practicable to devise a plan whereby graduate students of the land-grant and other colleges may have access to and the use of the Congressional Library, the Smithsonian Institution, the National Museum and other public collections, for the purpose of study and research." At the Washington meeting the committee reported that they had visited and received generous encouragement from most of the heads of departments interested, and spoke particularly of the action already taken by Secretary Wilson in devising a scheme for maintaining a number of graduate students as aids in the Department of Agriculture.

The committee expressed the opinion that "the time is ripe for expeditious action," and submitted the tentative proposition that "Congress might be asked to provide for the establishment of an administrative office in Washington, preferably in the Smithsonian Institution, in which graduates of the institutions we represent, and others as well, might be enrolled and directed to the appropriate departments." The Faculty of Arts, Philosophy and Science has recently adopted a new four-year course of study which will be watched with much interest. It is called a "Course in Commerce and Administration," and leads to the degree of Bachelor of Philosophy, the requirements for admission being the same as for the Modern Language Course in Philosophy. This course has been arranged under the direction of Professor F. C. Clark, to meet what was believed to be a desire, on the part of business men and boards of trade, for instruction which would more directly prepare young men for a business career. Similar courses have been successfully inaugurated in the Universities of Chicago and California.

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PROFESSOR JOHN C. SCHWAB, of Yale, has prepared for the *Yale Review* a set of unique statistics dealing with the vocations of college graduates which will probably afford a wide opportunity for analysis and discussion. The figures cover the classes of Yale during the present century down to 1893, and deal with 7,500 graduates. They show some very striking changes and fluctuations in the choice of vocations. At the end of last century 39 per cent. of each class went into the ministry. During the first half of the present century this proportion fell to 28 per cent., and since then has varied with successive classes from 3 to 13 per cent, the average being about 7 per cent. During the century the law has shown only slight variations; but teaching

has had violent fluctuations, varying from 20 per cent. down to zero during the period before the Civil War, but since then attracting about 11 per cent. Medicine ran high in favor until about 1840, since when it has taken about 10 per cent. A very striking feature is the rise of the mercantile career during the present century, especially during the last half. The stimulus probably of foreign wars and the War of 1812 affected it in the early century; then it fell, but rose to third place in the class of 1842, to second place during the Civil War, and presumably will, ere long, take first place. The decrease of farming is partly explained by the falling off of graduates from the South. The smaller number of graduates in the Government service is another striking fact, with its rise during the Civil War noteworthy.

A significant feature of the statistics is the fact that they show an almost inappreciable number of graduates who have taken no vocation at all, and who have to be classed under the "miscellaneous" head, this evidently going to show that the college man of to-day is essentially a worker.

The new Academic circular at Yale returns 1,225 students as registered in that department—300 Seniors, 320 Juniors, 272 Sophomores and 333 Freshmen, the latter class gaining 33 over the Freshman class of last year. There were 1,150 students in the department in 1894, and the figures for the four succeeding years are 1,190, 1,237, 1,241 and 1,225, as stated, showing a slight decrease during the last three years. Forty new elective courses appear in the list of studies, eight of the new courses being in the English department, which thus shows a tendency to variety and expansion. The new courses include one on modern Greek, by Mr. Heermance; one on Latin sight reading, by Professor Morris; one on Norwegian and Danish, by Professor Palmer; one on the Italian dialects, by Professor Oertel, and one on

the history of music, by Professor Parker. There are eleven new instructors in the department. Commencement day next year (1899) falls upon June 28th, and the summer vacation will last until September 28th. Outside entrance examinations will be held at thirty-six places, or one more than last year.

THE gift by John W. Hendrie, '51, of \$10,000 for the Yale Law School building, makes a total of \$60,000 which he has given to the school, chiefly for its new structure. An amount not exceeding \$15,000 is needed to complete the building, which, facing the green, will be an impressive architectural addition to the University's plant.

YALE is at present taking steps to establish a fully equipped department in Scandinavian, both ancient and modern. Old Norse has been a part of the Graduate Curriculum since 1891, and the Scandinavian language since 1840, but the work has not been, hitherto, thoroughly organized. The purpose is to build up an auxiliary department of Germanic Languages, which shall provide for instruction in modern Swedish and Norwegian (language and literature) and also advanced courses in Old Norse and Germanic Antiquities and Mythology. The library has made a good beginning in general literature and hand-books, and is unsurpassed in this country in having the library of Count Riant, a splendid collection of sources and works in the domains of Old Norse and Scandinavian history and antiquities. Efforts were made to get it for Christiania, but Yale managed to secure it.

The Department is to be in charge of Dr. Gustav A. Andreen, a graduate of Augustana and Yale. Dr. Andreen has been an instructor at Yale for the past four years, and is now in Europe for a two-years' course at Upsala and Christiania. Dr. Andreen is well known in the Scandinavian colleges, and will have the best of opportunities open to him abroad.

THE administration of Provost Harrison has marked a new epoch not only in the financial and administrative history of the University, but also in the social life of the faculties and students. The Harrison Fellowship and Scholarship Foundations are now followed by the new Law-School Building (at a cost of \$300,000), plans for which are ready to begin construction in January, 1899. This is now to be followed by the new Medical Laboratory, the estimated cost of which, \$300,000, is for the greater part secured by subscriptions.

The Vivarium or Live-House connected with the department of Biology is nearing completion. The first wing of the new Museums of Archæology and Palæontology is expected to be ready for occupation early in 1899.

A similar tendency toward concentration and coöperation is noticeable in the academic and social life of the Faculties. An association of Professors and students of ancient and modern languages has just been effected under the title of the University Language Union, meeting monthly for the reading and discussion of original papers.

The social life of the Faculties recently received a new impulse in the formation of the Faculty Club, with a club house near the University, admitting to membership the teaching staff and Fellows of the departments of Philosophy, Law, Medicine. The largest social function of the Faculties is announced for January, February and March in the form of the Faculty-teas, at which the members of the University entertain their friends from the city and from the distance.

The College shows also similar signs of new life. Increased interest in public speaking has been aroused by the recently organized Debating Union, which furnishes a general arena for collegiate forensics. The Frazier prize gives material encouragement to debating.

The seggregating tendencies incident to specialization in the professional schools and graduate departments are this year effectually counteracted by the work of the Houston Club, which has a membership of 1,800 from the various University Departments; the statistics are as follows: 1,396 active members, 331 associate, 45 life, 15 sustaining and 13 non-resident. The number of members from the Faculties is 100.

The Young Men's Christian Association has been reorganized as a distinctly University society with its own control. Representative men of the country address the Association on Wednesday evenings.

A new series of Lecture Courses has just been arranged for the students of the Law School. The first course beginning January 5, 1899, is given by the Hon. William Wirt Howe, of Louisiana. The first of the course of six lectures is entitled "A sketch of Roman law and its influence in England and America."

At the various Societies meeting during the Christmas holidays a number of University men took part. On the programme of the Modern Language Association of America, meeting at the University of Charlottesville, Va., were the following papers: "German American Ballads," by Professor M. D. Learned; "The Origin and Meaning of Germani," by Professor A. Gudeman; "Some Tendencies in Contemporary English Poetry," by Mr. Cornelius Weigandt.

The Pennsylvania delegates to attend the meetings of the Federated Graduate Clubs, at Harvard, at the close of December were Dr. R. M. Aden (English), President; Miss Mary Bartol (Greek), Secretary; Mr. B. W. Bradley (Greek), and Mr. O. F. Lewis (Germanics).

THE plans for the new Physical Laboratories for the College Department are already under way. Until the Law School building is erected, and the necessary funds for the new Physiological and Pathological Laboratories of the Medical Department



are raised, however, nothing more than a beginning will be made in the direction of the Physical Laboratories.

Plans for these new buildings are being drawn up by Dr. Jesse Y. Burke, Secretary of the Board of Trustees, and Dr. George F. Baker, Professor of Physics in the University. The most modern arrangement will be followed in the new buildings. There will be a large Amphitheatre, capable of seating nearly 1,000, for public exhibitions or lectures. A number of smaller rooms for special study will also be constructed. Among them will be a Museum of Apparatus and Experiments, a specific-gravity room, rooms for light, heat, magnetism, sound, constant temperature and a balance-room. There will also be a furnace-room, where the temperature can be raised several thousand degrees, and another room where the opposite effect of temperature can be obtained.

IN order to understand the significance of certain very recent changes in McGill it will be necessary to bear in mind some facts of fundamental importance. McGill owes its foundation to the forethought and generosity of a former merchant of Montreal, and ever since the University has been supported almost exclusively by the benefactions of citizens, any government help given being a mere bagatelle. In this respect McGill is in sharp contrast with the one Canadian university (Toronto) that is almost wholly maintained from the public chest, *i. e.*, the funds of the Legislature of the Province of Ontario.

The affairs of McGill University are administered by two bodies: the Governors and the Corporations.

The Governors comprise a comparatively small number of men, mostly beyond middle age and in nearly all cases wealthy and without exception of considerable local influence. The Governors administer the funds of the University and

make all important appointments such as those to chairs, lectureships, etc. They are, like the Faculties, consulted as to changes that the Corporation proposes, but with the latter rests the making of all regulations concerning degrees, courses of study, examinations, etc.

The Corporation has no voice whatever in the making of appointments nor can the Governors institute procedure bearing on courses of study. The lines of action of the whole University are defined in the *Statutes*. Vacancies on the Board of Governors are filled by this body itself, though recommendations may be and have been made by corporate bodies of graduates.

The Corporation is a heterogeneous body made up of: 1. Representative Fellows appointed by the Governors, by the Faculties and by the Affiliated Colleges. 2. Graduates' Fellows representing each Faculty and elected solely by the graduates of that Faculty. 3. Ex-officio members, as the Principal of the University, the Governors, Deans of Faculties, the Librarian, the Principal of the Normal School, *et al.* It is to be borne in mind that there are in McGill five faculties: Arts, Law, Applied Science, Medicine, and Comparative Medicine and Veterinary Science, but no Faculty of Theology. However, nearly all, if not all, the Theological Colleges in the city are represented in Corporation. So also are several colleges not situated in Montreal giving courses in Arts (the Academic or Philosophical Faculty of the Germans). Throughout Canada and the United States Graduates' Societies have been formed. These are made up of graduates of the different Faculties, and are very enthusiastic and loyal in the cause of their *Alma Mater*. They aid the parent University by intelligent discussion of her needs and by meeting them in a humble way, for speaking generally there are very few rich men among the graduates of McGill. The Society in Montreal

is the oldest of these associations and has made many recommendations to Corporation, and a very few to the Governors concerning appointments to their own body.

Ten years ago the Corporation was highly conservative, and the members of the Montreal Graduates' Society not only made most of the nominations to fill vacancies in that body so far as Graduates' Representatives were concerned, but suggested many changes in University affairs, which latter were frequently treated with what appeared to them inadequate consideration, if they were not positively misunderstood as to their scope and spirit. However, now there is in Corporation a spirit of complete freedom, and any member may rely upon a fair and full hearing for every proper proposal.

Within two years very great changes, especially in the Curriculum of the Faculty of Arts have been made; and in general the different parts of the University have been brought into better relations with each other, so that McGill now deserves the appellation University as never before.

After two years' consideration the Academic Board, an entirely new institution, has been established, but of that we shall speak again. At present it has no executive powers.

The most important changes have recently taken place in the constitution of Corporation and will come into effect at once. Instead of practically the only changes in Corporation resulting from the periodic election of Graduates' Fellows, all other members being appointed to all intents and purposes for an indefinite period, now every constituent part, every member, will retire according to prescribed regulations, though each will be eligible to re-election. The retirement will be in rotation.

The event now being looked forward to by all with most interest is the official opening of the fine new building for Chem-

istry and Mining, by the recently appointed Governor-General, Lord Minto, of which more again.

It was recently announced that the classical library of Professor Otto Ribbick, lately deceased, Professor of Classical Philology in the University of Leipsic, had been presented to McGill College. The library consists of some 4,000 volumes, with an equal number of periodicals, pamphlets, dissertations, etc. The late professor was noted for his critical edition of Virgil, and for his contribution to the literature of the Latin drama. McGill is indebted to Mr. W. C. McDonald for the valuable gift.

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"HARVARD COLLEGE," writes Professor A. B. Hart in the December *Harvard Harvard. Graduates' Magazine*, "the permanent stock upon which all other departments have been grafted, shows a vitality and constancy of growth which is little affected either by the coming-up of the Scientific School or by the development of the Professional Schools. Every year since 1887 has shown an increase of numbers, while both the conditions of entrance and the work of the undergraduate have grown at least no easier." "The Graduate School now stands at a point which makes it in numbers, as it has long been in influence, one of the great departments of the University." "The Law School is now established practically as a Graduate School" and "The Medical School is soon to require academic degrees for entrance." The total University influence for the scholastic year 1898-99, including the Summer School and Radcliffe College, is 5,450.

The sphere of activity of Harvard teachers is by no means confined to the domains of the various schools of the University. Professor Charles R. Lanman has just completed, before the Lowell Institute of Boston, a course of lectures on "The Poetry of India." Professor Hugo Münsterberg has given a course of six lectures

on "The Aims and Methods of Modern Psychology," before the Brooklyn Institute of Arts and Science. Professor Josiah Royce will this year deliver the Gifford lectures on "Natural Religion" at the University of Aberdeen, Scotland. This course of ten lectures is delivered every year, but Professor Royce is the first American who has ever been invited to deliver them. He sailed December 20th.

Among the goodly number of lectures delivered at the University and open to the public should be mentioned the courses given by Professor Dicey, of Oxford, on "English Law in the Nineteenth Century;" by Professor Budde, of Strassburg University, Germany, on "Jewish Religious History," and by Professor Kuno Francke, of Harvard University, on "Flemish and German Religious Painting." The last course has particular significance for the University, since it has been given with a view to furthering the plans inaugurated in the spring of 1897 to establish a Germanic Museum at Harvard, where originals and reproductions dating from the earliest times to the 16th Century may be accessible to those who are interested in the development of Germanic industry, literature and art.

The Cercle Français gave, early in December, both in Cambridge and Boston, Molière's *La Comtesse d'Escarbagnas* and *Le Sicilien*. In order to prepare the students and public for the best comprehension of these plays Professor Bôcher gave in advance a public lecture in which he not only gave the plots of the plays, but explained the character of the ancient French ballet, which gave origin to the opera rather than to our modern ballet, which it in no way resembled.

Owing to the decline in the income of the Harvard Library, the Corporation of the University has given to the Library \$100,000 from the unrestricted bequest of Henry L. Pierce. The income of this gift will be added to the annual sum available

for the purchase of books. In addition, the library has just received through the efforts of Mr. Leo Wiener, instructor in Russian, eighteen hundred volumes of nineteenth century Jewish literature, said to be the finest library of its kind in the world.

The bequest of \$500,000 given by the late Edwin Austin, the interest from which is to be paid to "needy and meritorious students and teachers to assist them in the payment of their studies," will be applied, it is hoped by many, mainly to the formation of fellowships and scholarships for the Graduate School. In the same bequest the Bacteriological Laboratory is given \$10,000. Mr. James Stillman, of New York, has given the funds to cover the cost of land and the building of an infirmary for sick students, and in addition \$2,500 a year for four years towards the support of the same.

At the Jefferson Physical Laboratory two assistants, Mr. Colpitts and Mr. Theodore Lyman, have just succeeded in obtaining the shortest wave-lengths of lights of metallic elements that have ever been produced.

From the University Museum, in addition to the the three Professors of Botany, Zoölogy and Physical Geography respectively, who are away on "Sabbatical" leave, Dr. W. McM. Woodworth has gone to the Samoan Islands on a zoölogical collecting trip and Alexander Agassiz to South Africa.

The building activity of the University this year is considerable. The Phillips Brooks house, which faces towards the gymnasium from the corner of the yard, is practically completed. This is a brick colonial structure architecturally in keeping with the other buildings in that part of the yard. The building is to be devoted solely to religious uses. The various religious societies of the University will have rooms and hold their meetings there. On Kirkland Street a large dining hall for

students, to house in the future the Foxcroft Club, is well under construction. At the Botanic Garden one of the small greenhouses of last year is replaced by a larger L-shaped structure 175 feet long. The entire framework of the building is of iron and rests on a brick foundation. The greenhouse proper is divided into four parts. One part is devoted to economic botany and in it are exhibited those plants whose fruits are utilized by man. In another compartment Australian plants are housed, while in the other two are found full-grown plants and seedlings for class use by students. In addition to the greenhouse proper there are two rooms, one of them used for potting plants and the other as a laboratory.

A decided change in the policy of the University was inaugurated in November in the public acknowledgement of the indebtedness of the University to women by the appointment of three women on the visiting committee of the University. It has long been the custom of the Overseers of the University to appoint visiting committees of men who are outside of the University but who are interested in the work of the various departments. The three women who have been appointed on

three of these committees are Mrs. Henry W. Draper, of New York, to visit the Astronomical Observatory; Mrs. Potter, of Boston, the Veterinary School; and Miss Ware, of Cambridge, the Botanical Garden and Museum. These women have long been most generous patrons of their respective departments.

THE Lawrence Scientific School, has received \$10,000 from Mr. J. H. Jennings, of the class of '77, for the establishment of a scholarship. The scholarship for the current year goes to Mr. T. F. Sanborn.

OWING to the resignations, during the summer, of Dr. Henry P. Quincy and of Dr. Elisha H. Gregory, Jr., the Department of Histology and Embryology at the Harvard Medical School, under Professor Minot, has been reorganized. Dr. Schaper remains as the demonstrator, and the following corps of assistants have been formed, the names being arranged in the order of seniority: Dr. John L. Ames, Dr. Frederick A. Woods, Dr. Roger T. Atkinson and Dr. F. R. Stubbs. Dr. Quincy was connected with the department from its inception to the present time, and its rapid development has depended very much upon his zeal and devotion.

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## Notes and Announcements.\*

GINN & CO., Boston, have in preparation *Heroes of the Middle West*, by Mary Hartwell Catherwood.

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*An Epitome of Human Histology*, by Dr. Arthur W. Weyse, is published by Messrs. Longmans, Green & Co.

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\* Publishers are requested to note that all literary announcements should be in the editor's hands not later than the 16th of the month. The subscription list of BOOK REVIEWS is one of 10,000 names. It circulates chiefly among the educational and professional classes and members of the book trade.

THE J. B. Lippincott Co. publish a pretty reprint of Miss Burney's *Evelina*, with illustrations, by Mr. Arthur Rackham.

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*Laboratory Exercises in Anatomy and Physiology*, by Mr. James Edward Peabody, is published by Messrs. Henry Holt & Co.

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HENRY HOLT & CO. are about to bring out *A History on English Romanticism in the 18th Century*, by Professor Henry A. Beers, of Yale.

A NEW edition of Lilian Whiting's poems, *From Dreamland Sent*, with additional verse, will be shortly issued by Little, Brown & Co.

A NEW edition of Herbert Spencer's *Biology*, with important revision and enlargement, is about to appear in the first volume announced by D. Appleton & Co.

*The Gate to Vergil*, by Mr. Clarence W. Gleason, is planned upon nearly the same lines as the corresponding volumes on Cæsar and Xenophon. It is published by Messrs. Ginn & Co.

It is announced that *The Critic*, of New York, is hereafter to be issued from the publishing house of G. P. Putnam's Sons. Mr. J. B. Gilder and Miss J. L. Gilder will continue to edit the magazine.

*Absalom's Hair and A Painful Memory*, both from the *Nye Fortællingir* of 1894, make up the contents of Volume VIII. in the new English edition of Bjørnsen's novels, published by The Macmillan Company.

MESSRS. D. C. HEATH & CO., publishers, Boston, announce that Mr. Irving Emerson, Director of Music in the High School at Hartford, Conn., has compiled a new *High School Hymnal*, which will be published shortly.

THE Baker & Taylor Company of New York, have recently issued an *Annotated List of Books Relating to Literature and Education Published in 1897 and 1898*. The idea is excellent and the list should prove helpful to librarians and to teachers.

*Among My Books* (Longmans) is the title of a volume edited by Mr. H. D. Trail, and made up of the *causeries* contributed by various writers to the weekly issue of *Literature*. There are upwards of a score of these familiar talks, and their writers include many distinguished men and women.

THE MACMILLAN COMPANY publish three German texts, as follows: Schiller's *Jungfrau von Orleans*, edited by Dr. Willard Humphreys; Goethe's *Iphigenia auf Tauris*, edited by Dr. Charles A. Eggert; and Freytag's *Die Verlorene Handschrift*,

edited (and greatly condensed) by Miss Katherine M. Hewett.

FOLLOWING up their success with the *Pride of Jennico* last spring, The Macmillan Company announce a romantic novel entitled, *My Lady and Allan Darke*, by a new writer, C. Donnel Gibson. It will be published at an early date. By those who have read it in MS. it is said to be a book which cannot be put down when once begun.

*Psychology in the Schoolroom*, by T. F. G. Dexter and A. H. Garlick, which was brought out about a month ago by Longmans, Green & Co., is said to have been received in this country. Its appearance was long expected by many of the best educators in this country, as it deals with a theme which has invaded all branches of school instructions.

MR. HEINEMANN, the London publisher of Mr. Walter Armstrong's *Gainsborough*, published in America by Chas. Scribner's Sons, has written to the *Daily Chronicle* to say that he has succeeded in making arrangements with Mr. Armstrong to write a companion volume on Sir Joshua Reynolds, which he hopes to publish not later than the end of 1900.

VOLUME XII. of the new edition and translation of the fiction of Tourguénieff, prepared by Mrs. Constance Garnett, and published by the Macmillan Company, includes three stories, *A Lear of the Steppes*, *Faust* and *Acia*. We are particularly glad to have the *Faust*, that gem of purest ray serene among Tourguénieff's stories, at last made accessible to English readers within the covers of a book.

FOUR volumes just published by Messrs. Charles Scribner's Sons complete the new library edition of the works of Mr. George Meredith. The final volumes give us "One of Our Conquerors," "The Amazing Marriage," "Lord Ormont and His Aminta" and the collected "Poems." The latter volume is complete, except for the French "Odes," which have recently been published in a separate volume.

AMONG the recent announcements by G. P. Putnam's Sons are *Fantastic Fables*, by Ambrose Bierce; *Phil-o-rum's Canoe*

and *Madeleine Vercheres*, by William Henry Drummond, author of *The Habitant*; *The Christ*, a poetical study of his life, by the Rev. O. C. Auringer and J. Oliver Smith; and *The Seven Voices*, a collection of poems by J. Hooker Hamersley, with illustrations by Isabelle Morrison Niles.

*Essays on Education* by the late Francis A. Walker, President of the Massachusetts Institute of Technology, edited by Professor J. P. Munroe, of the same institution, have just been published by Henry Holt & Co. The essays are grouped under "Technological Education," "Manual Education," "The Teaching of Arithmetic" and "College Problems" (including college athletics). "A Valedictory" appropriately closes the book.

MRS. L. L. W. WILSON has contributed an essay to the January number of *Appleton's Popular Science Monthly* of considerable interest to teachers and educators in general, describing methods of Nature Study in the Philadelphia Normal School. Mrs. Wilson's series of nature study *Readers* and teachers' *Manual* of nature study published by The Macmillan Company have already given her methods a wide vogue in the public schools.

AMONG the features of *Who's Who* for 1899 are 1,500 new biographies, tables of peculiarly pronounced proper names, tables of the principal officials in the United Kingdom, heads of public institutions, American newspapers, American railways, American ladies bearing English titles, steamship lines, and many other details which are needed by every editor, secretary and person who is in any way connected with the movement of society. The Macmillan Company are the American publishers.

DODD, MEAD & CO. have just issued an authoritative book on the Dreyfus case, by Mr. F. C. Conybeare, whose articles in the English reviews, over the pseudonym of "Huguenot," have attracted such wide attention. The author is the son-in-law of Max Müller, and owing to this connection has been able to give the opinions of various distinguished Germans on this subject, and their feeling in regard to it. The book will contain

portraits of all the prominent characters connected with the Dreyfus case.

AMONG the forthcoming publications of Silver, Burdett & Co. is a dainty little volume of *Poetry of the Seasons*, compiled by Mary I. Lovejoy, and containing upward of 300 poems on nature, chosen from the best American and English poets. In making this collection the editor has been actuated by the double motive of stimulating a love for nature and of acquainting her readers with the best type of pastoral and lyric poetry. Another publication by the same firm is a collection of stories for children by Elizabeth E. Foulke entitled *Braided Straws*.

*The Underground Railroad from Slavery to Freedom*, by Wilbur H. Siebert, Professor of European History, has just been published. Besides being an exhaustive monograph on the concerted action of those who assisted slaves to escape, it is fascinating as a book of adventure. There are some sixty illustrations of "passengers," "agents," "conductors" and "stations," and there are facsimiles of "conductors'" diaries, maps and an appendix of notable fugitive slave cases and an alphabetically arranged directory of more than 3,000 names of "operators" on the Underground Railroad.

M LÉON DAUDET's life of his father, and M. Ernest Daudet's *My Brother and I*, both translated by Mr. Charles de Kay, will be published in this country by Messrs. Little, Brown & Co., in accordance with a special agreement with the late novelist's family. The biography is such a chronicle of French home life as seldom finds its way into type, for Daudet's house was his workshop, wherein the services of all the inmates were his to command. *My Brother and I*, which is included in the same volume, is said to equal in interest the pictures of Alphonse Daudet given in his son's work.

AMONG the recent publications of Messrs. Charles Scribner's Sons we note the following: *Leonardo da Vinci*, from the French of Eugène Müntz; *The Column and the Arch*, by W. P. P. Longfellow; *Music and Poetry*, by Sidney Lanier; *Rembrandt: a Romance of Holland*, by Walter Cranston Larned; *Life's Comedy*,

by various authors; *An Introduction to the Study of the Renaissance*, by L. F. Field; *The Poetical and Prose Works of Lord Byron* (Vol. III., Letters and Journals); *Degeneracy*, by Eugene S. Talbot, M.D., of the University of Chicago, and *Overproduction and Crises*, by Karl Rodbertus, translated by Julia Franklin.

THE MACMILLAN COMPANY publish a particularly interesting Spring Announcement List this month. In Fiction, Politics, Economics, Biography and Travel the list is one which must attract attention. The present expansion of the United States meets with an able advocate in Professor Franklin H. Giddings, whose book on *Democracy and Empire* will be waited for with some impatience. *The Government of Municipalities* is the title of a book by the Hon. Dorman B. Eaton, formerly United States Civil Service Commissioner. One chapter in this work deals pretty freely with the relations between Tammany politics and those of the city and State of New York.

ALFRED AUSTIN, the Poet Laureate, has given us in *Lamia's Winter Quarters* another prose-idyl, interspersed with short poems called forth by the occasions given in the narrative. It is the story of the sojourn in Italy, mostly at Florence, of a party of four to whom he has previously introduced us—ladies and gentlemen of high culture, with health and leisure to enjoy, as well as mind to appreciate, their charming environment. The genial colloquies of the sprightly Lamia, the caretaking Veronica, the poet subtle to discern and apt to quote, and, lastly, the observant historian of the six months' holiday, make one wish he had been of the party. The full-page illustrations are exquisitely done.

*The Home Life of Great Authors*, published over ten years ago by Mrs. Hattie Tyng Griswold, won a considerable measure of popular favor for its sympathetic and unaffected delineation of the literary personalities with whom it dealt. A companion volume, compiled upon the same plan, and called *Personal Sketches of Recent Authors* (McClurg) has just been issued, and deserves a word of praise, both for its pleasant manner of narration and for the exceptionally good photographs which have been chosen to illustrate it.

Among the eighteen subjects included are Renan, Arnold, Huxley and Miss Rossetti, among the dead, and, among the living, Mr. Howells, Mr. Kipling and Count Tolstoi.

THE first and large holiday edition of Mrs. Alice Morse Earle's *Home Life in Colonial Days* was exhausted within three weeks of its publication. Dealing as it does with the daily life of our great grandfathers and grandmothers, and with its many illustrations, ranging in character from specimens of samplers to quaint fireplaces and curling irons, it is a fair example of the genealogical archeology which has enlisted the services of clever writers like Mrs. Earle. Such books are calculated to keep alive a love for much that is admirable in design, and to preserve the practice of the good taste which dictated much of the severity in decoration and manners which distinguished our colonial ancestors.

*Angels' Wings* is the title of a new book by Edward Carpenter, soon to be published by The Macmillan Company. The author deals, in a series of essays, with art and its relation to life. Most branches of art are treated, including literature and music. Mr. Carpenter makes special reference to the changes through which art is passing by reason of the growth of democratic ideas. The argument is sustained by the reproduction of many plates from famous drawings and sculptures. Mr. Carpenter is already known by numerous books, among which are: *From Adam's Peak to Elephanta; Civilization; its Cause and Cure; England's Ideal and Other Papers on Social Subjects; Chants of Labour; a Song-Book of the People.*

THE MACMILLAN COMPANY announce the publication of a second edition of *The Student's Life of Jesus*, by George Holley Gilbert, Ph.D., D.D., Iowa, Professor of New Testament Literature and Interpretation in the Chicago Theological Seminary. The author says in his preface that the aim of this volume is different from that of the great lives of Christ, inasmuch as the teaching of Jesus is not discussed in detail, but only in so far as it has seemed necessary to a clear account of his character and life. Another difference in the aim of the

volume lies also in the fact that it seeks to present the subject in a form particularly suited to students. The book has been written with the conviction that a believer in Christianity may investigate the life of Jesus as scientifically as an unbeliever.

"SENTIMENTALITY in Science Teaching," by Edward Thorndyke, is the title of one of the articles in the January *Educational Review*, which number commences the *Review's* seventeenth volume and ninth year. It is a significant fact that, commencing with the new year, this influential periodical will use the conservatively amended spelling adopted by the National Educational Association. Other articles in the January number will be: "The Future of the Normal School," by William T. Harris; "Professional and Academic Schools," by R. H. Thurston; "Baumeister's Handbuch der Erziehungslehre," by Paul H. Hanus; "Course of Reading for Children," by Edward Griffith; "Educational Value of Biography," by Sadie E. Simons; and "Study of Education at the University of Texas," by W. S. Sutton.

THE MACMILLAN COMPANY announces the publication in February, under the editorship of Frank M. Chapman, of the first number of a popular bi-monthly magazine of ornithology to be known as *Bird Lore*. This magazine will aim to fill a place in the journalistic world similar to that held by the nature works of John Burroughs, Henry Van Dyke, Bradford Torrey and Olive Thorne Miller in the domain of books. The authors just mentioned, and numerous other writers known for their powers of observation and description, will be among its contributors. The illustrations will be made from photographs of birds and their nests in nature. The magazine will be the official organ of the Audubon Societies for the protection of birds, and a department devoted to their work will be under the charge of Mrs. Mabel Osgood Wright.

A THIRD large edition of Marion Crawford's *Ave Roma Immortalis* has just been issued. The first edition was sold out before the day of publication, and the second within three weeks of issue. Mr. Crawford's appearance in the new rôle of historian seems to bid fair to be as gratifying to

his readers as his work as a novelist. The reason may be perhaps that the material of his story of Rome has formed the groundwork and has given the plots for so many of his more popular novels. *Ave Roma Immortalis*, with its ages of romance, while a historical work in its main features, contains suggestions and material for many such novels as *Saracinesca* and *Corleone*. It is almost a novel in itself if one follow the romantic sidelight which it throws on the local traditions of the Regions or Wards of Rome. In Mr. Crawford's hands the Mother of Cities has proved a veritable mother of famous novels. Few novelists have had the fortune to find, as it were in their birthplace, such an unworked mine of material for their genius to play upon.

AMONG LONGMANS, GREEN & CO.'s recent publications the following are worthy of special notice: *The Great Lord Burghley: A Study in Elizabethan Statecraft*, by Martin A. S. Hume, author of *The Courtships of Queen Elizabeth* and *Sir Walter Raleigh*; *Old Violins*, by the Rev. H. R. Haweis. The Longmans presented this week *Lectures on the National Gallery*, by Professor J. Paul Richter; *Memoirs of an Old Collector*, by Count Michael Tyszkiewicz, translated from the French by Mrs. Andrew Lang; Part II. of *Catholic Faith and Practice: A Manual of Theology*, by the Rev. Alfred J. Mortimer, D.D., rector of St. Mark's, Philadelphia; *The Referendum in Switzerland*, by Simon Depløge, of the University of Louvain, translated with introduction and notes by C. P. Trevelyan, M.A., Trinity College, Cambridge, and *Psychology in the Schoolroom*, by T. E. G. Dexter, B.A., Head Master of the Finsbury Pupil Teachers' School, and A. H. Garlick, B.A., Head Master of the Woolwich Pupil Teachers' School.

THE Hon. Carroll D. Wright, the United States Commissioner of Labor, is preparing a special American edition of *The Statesmen's Year Book* to be issued in March, 1899, by The Macmillan Company. The statistical and historical material which has hitherto made this annual so indispensable will, as usual, be brought up to date by the European editors in so far as it relates to the rest of the world. The Hon. Carroll D. Wright has under-



taken the complete enlargement and revision of the details relating to the United States. Heretofore the *Year Book* has contained but few pages of matter relating to the United States. It is now proposed to completely revise and greatly enlarge the chapters on the United States, so as to include all official information the public man, writer or speaker may require. Among other data there will appear those of the personnel of Congress and of the Federal and State governments; Finances; Population; Immigration; Production and Industry; Congress; the Army and Navy;

Commerce; Diplomatic Officials, both of the United States and of foreign countries; Universities, Colleges and Schools; Shipping and Navigation; Civil Service; Public Domain; Bankruptcy; Insurance; Politics; Votes; Pensions; Patents; Liquor Traffic, and the facts relating to many other timely topics. In this edition it will be a complete "vade mecum" for every American public man, while retaining all the material relating to the rest of the world which has hitherto made it indispensable.

## Reviews.

### GENERAL LITERATURE.

*The Philippine Islands and Their People.* By Dean C. Worcester, Assistant Professor of Zoology in the University of Michigan. The Macmillan Company.

All who have read Professor Dean C. Worcester's recent article in the *Century* on the Philippines know that he is eminently qualified by special knowledge and judicial temperament to write the much-needed book on *The Philippine Islands and Their People*. The work now published under that title has long been in preparation, and is ready at the exact time when it is most needed. Professor Worcester accompanied Dr. J. B. Steere in a thorough exploration of the Philippines in 1887-88, undertaken chiefly for scientific purposes. We suppose that no other Americans have seen as much of the islands as did the members of this party, and Professor Worcester's record of experience and observation is the only authoritative, recently written, first hand account of actual conditions. The importance of the work calls for an extended review, and such a review will be printed in *The Outlook* at an early day. We may quote here, however, Professor Worcester's general conclusion that, "with all their amiable qualities, it is not to be denied that at present the civilized natives are utterly unfit for self-government. Their universal lack of education is in itself a difficulty that cannot be speedily overcome, and there is much truth in the statement of a priest who said of them that 'in many things they are big children who must be treated like little ones.'"—*The Outlook*.

*Petrarch, the First Modern Scholar and Man of Letters.* By James Harvey Robinson, Professor of History in Columbia University, with

the collaboration of Henry Winchester Rolfe, Sometime Professor of Latin in Swarthmore College. G. P. Putnam's Sons.

This is a selection from Petrarch's correspondence "with Boccaccio and other friends, designed to illustrate the beginnings of the renaissance." It is translated from the Latin, presumably by Professor Rolfe, and the letters are joined by Professor Robinson's interesting explanatory and descriptive running essay. It is a valuable book to the student of the time when literature and art were feeling the waft of a glorious renewal like that of spring. The time rather than the renewal is felt in the letters, which show the wonderful influence Petrarch was exerting in his country and the world. It is all of absorbing interest; the light from it is like a flare of the flame that is to rend the old time from the new, and we see it as if through the widening and lengthening rift where medievalism falls away into the past and modernism settles into place. Petrarch was not only a poet, but a vigorous and magnetic man who wrought mightily to shape great historical events.—*Independent*.

*Trimalchio's Dinner by Petronius Arbiter.* Translated by Harry Thurston Peck. Dodd, Mead & Co.

A fourth name may now be added to the brief list of scholars who have labored in this country on the great novel of Petronius. But the writings of Beck and Hayley, and, in a less degree, those of Crowell, are contributions to learning; Professor Peck's little volume is intended for the general reader. The main part of it contains an English version of the famous story of the dinner party given by Trimalchio,

that type of the *nouveau riche* in the early Empire. This is preceded by an introduction on prose fiction in Greece and Rome, on the novel of Petronius, and on the 'Banquet' itself. Finally, there is a good bibliography.

The introduction (which appears to be an extension of articles by the same author in 'Harper's Dictionary of Classical Literature and Antiquities') shows thorough acquaintance with the authorities, and is the best possible account in English of the growth of the romance in antiquity. The author's apparently intimate acquaintance with modern fiction, particularly that of a certain school in France, enables him to draw very interesting parallels to the productions in the same kind by *decadent* Greeks and Romans. He has a wide knowledge of the literature of his subject, and is seldom to be caught nodding, but he is mistaken in thinking that the 'Epistles' of Alciphron, which certainly deserve all the praise he gives them, have never been translated into English. We have at hand the anonymous London version of 1791 (by two hands, T. Monro and W. Beloe). It omits (*pudoris causa*) only three of the 118 letters.

In style Professor Peck's translation is admirable. It is lively and written in idiomatic English of to-day, without a trace of that dialect which, in the harmful unnecessary Bohn, has done so much to corrupt the youth of England and America. The art of Petronius, whereby, at least in the 'Banquet,' he suits his speech to the speaker—never suffering the language of the narrator, Eucolpius, to degenerate into the *sermo plebeius* of the other speakers—finds faithful reflection here. In rendering a work like this, especially for the general reader, the temptation is great to see slang where no slang really is; but Professor Peck rarely yields to it—*The Nation*.

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*Home Life in Colonial Days.* By Alice Morse Earle. The Macmillan Company.

A good many books have been written about the lives and customs of our ancestors of colonial times, and especially about the differences between their lives and ours and the primitive and picturesque utensils which they employed in their households. These have been partly the outcome, and partly the promoting agency, of the rage for antiques. Various writers have unearthed a large amount of curious lore, which is not all of equal value, though almost every hint about the doings of the early settlers that has come through their pages goes to recreate the atmosphere and reveal the conditions pertaining to the earliest pioneers in North America. Mrs. Alice Morse Earle has done a great deal of good work in this field. Probably it is quite within bounds to say that she possesses a larger fund of vivacious and interesting knowledge about the lives and the works, the occupations and the makeshifts, the industries and the enjoyments of the Puritans and the other early colonists, than any other student in this rich domain.

Her latest book on the subject, *Home Life in Colonial Days* (Macmillan), shows a noteworthy advance over her previous work, both in the material and in the manner of its presentation. Even those who feel that we have heard as much as we care to about the domestic utensils and the customs of our forefathers will find this book full of new information and description of surprisingly fresh interest. Of course, much of it is not new; but no other single volume with which we happen to be acquainted constructs with such completeness, fairness and suggestiveness the atmosphere of colonial homes. She does not make it out romantic, nor does she lay stress upon its grimness. The picture has many sides, and discomforts and rude conditions are not described with an effort to make it seem as if their present picturesqueness detracted in any way from their imperfections in practice. The result is that Mrs. Earle has steered safely between the Scylla and Charybdis of idealism and realism into the desired haven of reality.

This volume is much more ambitious than any other by this author, and it is so diversified in character that it may be considered the best permanent result of Mrs. Earle's long research and study and travel in the field of colonial life. It is filled with appropriate and well made illustrations, which are in every case from real articles and scenes, usually from those still in existence—rare relics of past days. In the forward she tells about the long search and investigation of which these are the results: "Many a curious article as nameless and incomprehensible as the totem of an extinct Indian tribe has been studied, compared, inquired and written about, and finally triumphantly placed in the list of obsolete domestic appurtenances. From the lofts of woodsheds, under attic eaves, in dairy cellars, out of old trunks and seachests from moulding warehouses, have strangely shaped bits and combinations of wood, stuff and metal been rescued and recognized. The treasure stores of Deerfield Memorial Hall, of the Bostonian Society, of the American Antiquarian Society and many State historical societies have been freely searched."—*Boston Herald*.

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*Pan and the Young Shepherd.* A Pastoral in Two Acts, by Maurice Hewlett. John Lane.

Mr. Hewlett has of deliberate intent indited a pastoral, and he abides by the rules of the form, revelling in anachronism and incongruity after a fashion that would have delighted the heart of the author of "Lycidas." His scene is laid in "Champney Valtort in Pascency;" his time is "what you will;" his personages are called Geron, Neanias, Balkis, and so forth; Pan and the nymphs still haunt the woods, within sound of Sir Topas' saints' bell; the villagers go to mass and quote the Authorized Version of the Bible; there are wolves in the woods, and "roots" (in the technical or agricultural sense) in the fields. It will be admitted, then, that the fine confusions of "Lycidas," of St. Peter and

the nymphs are fairly matched, if not surpassed, and Mr. Hewlett will not be surprised if the popular judgment of his work prove somewhat severe. And yet how easily the plan may be justified. *Pan and the Young Shepherd* is of no precise time, simply because it was timeless, because the emotions which it symbolizes are of no especial age, or century, or determined period.

A few months ago, in reviewing Mr. Hewlett's "Forest Lovers," we indicated that he understood the use of the antique, that he had excellently retold, for modern ears, the old romance of chivalry and adventure. Now again, in this pastoral of *Pan and the Young Shepherd*, he has shown that he can take an ancient form and make it once more significant and enchanting to all lovers of literature. —*Literature*.

*Rex Regum.* A Painter's Story of the Likeness of Christ from the time of the Apostles to the Present Day. By Sir Wyke Bayliss, F.S.A. Illustrated. The Macmillan Company.

No one could fail to receive with sympathy and with utter willingness to be convinced the plausible argument which Sir Wyke Bayliss advances in his study, at once reverent and scientific, of the likeness of Christ as it has been handed down in art to our own time from the earliest epoch. Yet, in the end, he leaves us necessarily, we think unpersuaded of the final authority of his investigations. "Now, as the record, of the Words of Christ comes to us through Literature," he says, "so the record of the Likeness of Christ comes to us through Art. Imperfect records they are, both of them, and liable to be abused. An ambiguous word, a faulty manuscript, a printer's error, may corrupt the meaning of a whole chapter. And in like manner—for art is only another form of language, a questionable touch—the use of a defective material, an accident of workmanship, may mutilate or disfigure a likeness. But, happily, our knowledge of the sacred text does not rest on any one manuscript. There are various readings, from which, by patient labor and critical acumen, a trustworthy recension may be made. And it is the same with the likeness. It is no solitary portrait on which we have to rely. The strength of the evidence of its authenticity lies in the multiplicity of examples and the variety of forms in which we find them. Frescoes the size of life, minute engravings on glass, cloth pictures from the graves of the martyrs, mosaics, bass reliefs—every form of art practised in the time of the Apostles—yield contributory evidence." These lines clearly show the point of view from which Sir Wyke Bayliss proceeds. It is sound enough, and we admit that the evidence with which he fortifies his hypothesis has much to recommend it. Nevertheless, the last stroke of proof is missing, and while we are impressed by the continuance of a type from the very dawn of Christ's portraiture to the present day, we must regard our author's

effort as suggestive but inconclusive. This much we may grant him, that he has gone further than any other writer in the support of his idea, and he has composed his essay in such a devotional spirit that we end as we began, in cordial sympathy with his aim.—*New York Tribune*.

*The Rubáiyát.* By Edward Fitzgerald. *Édition de luxe*, decorated by W. B. Macdougall. The Macmillan Company.

New editions of the *Rubáiyát* have been legion of late, but we are nevertheless glad to welcome the *édition de luxe* of Fitzgerald's translation just published by the Macmillan Company. The volume is a large octavo, bound in green saten, with an elaborate cover design in gold. The quatrains are printed two to a page, each pair being enclosed by a striking decorative border, drawn by Mr. W. B. Macdougall, an artist whose work is prominent in more than one of the holiday publications this year. The designs have been engraved on wood, and the printing is done from the original blocks in a manner that could hardly be improved upon. The volume is issued in a limited edition of 1,000 copies, and is dedicated to the members of the Omar Khayám Club of London.—*The Dial*.

*The Beginnings of New England.* By John Fiske. New edition, profusely illustrated. Houghton, Mifflin & Co.

One of the most sumptuous and sterling of the solidier publications of the season is the new illustrated edition of Mr. John Fiske's *The Beginnings of New England* (Houghton). Of the original merits of Mr. Fiske's standard historical study we need not speak; and of the pictorial element now added little need be said beyond stating that the governing principle of illustration is the sound one followed in the same author's "The American Revolution." In the newer work, as in the older one, the pictures are real lights on the text, and absolute and material additions to the graphic quality and historical richness of the work. In the matter of portraits the present volume unavoidably falls somewhat short, in point of comprehensiveness, of its well equipped predecessor, for the reason that in a number of cases authentic originals are lacking. We miss, for instance, from Mr. Fiske's interesting gallery such worthies as William Bradford, Roger Williams and Thomas Hooker. On the other hand, there are a few agreeable surprises in the way of hitherto unpublished portraits—notably an attractive one of Goffe, the regicide. Very interesting are the photographic reproductions of quaint title-pages, facsimiles of notable documents and sign manuals—among the latter the "marks" of Miantomo, of Uncas and Squaw, of King Philip, etc. But we cannot attempt here to convey a fair notion of the pictorial scope and interest of this

noble publication. The portraits are mainly full-page photogravures, which serve at once to embellish and illustrate this well conceived, elegant volume.—*The Dial*.

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*Heroes of Chivalry and Romance.* By Rev. A. J. Church. The Macmillan Company.

In this book the stories of the mythical heroes of the North, of Britain and of the Rhineland are told in a way to make them especially pleasing to the young. Nor is there any lack of charm or interest for older readers as well. There is something particularly delightful about these old tales of strength and valor, and in spite of their resort to the impossible and fanciful one catches in them a tantalizing glimpse of what human life must have been in the days when blood ran reddest in the veins and only a thin dividing line separated man from nature. The volume relates three of the legends made most famous by song and story—Beowulf, the Deliverer of the Danes, King Arthur and his Round Table, and the Treasure of the Nibelungs, which, with the tales immediately connected with them, make up a book of more than thirty chapters, each as fascinating as a fairy story. Several beautiful illustrations in colors illuminate the text.—*Boston Transcript*.

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*The Great Salt Lake Trail.* By Col. Henry Inman and Col. W. F. Cody (Buffalo Bill). Illustrated by F. Colburn Clarke. The Macmillan Company.

Of the seven historic trails that cross the great plains of the interior of this continent, the old Santa Fé route has the most stirring and romantic story. That story has already been picturesquely told by Colonel Henry Inman. Encouraged by the success of that work, he now puts forth a kindred volume containing the story of the second in interest of these primitive highways of the Far West, *The Great Salt Lake Trail*. Col. W. F. Cody, popularly known as "Buffalo Bill," is joint author of the volume, and his quota has at least the distinctive merit of being drawn mainly from its narrator's own experience. The frontispiece, a capital photographic plate, shows the two collaborators bending over a chart of the storied route over which so many adventurous pilgrims made their way to the now populous valley of the salted inland sea. Most interesting, perhaps, of these pioneering adventurers were the Mormons; and to the trials of these sectaries during their arduous march Col. Inman devotes some interesting, let us add charitable, pages. The Salt Lake Trail was also the route followed by the expeditions of Fremont, Stansbury and Lander. and by the famous Pony Express, with its lumbering colleague, the Overland Stage. It is to the annals of the Trail in this its romantic period, long before a railway through the wilderness of sage-brush and alkali dust was thought possible, that Colonel

Inman's story is devoted. It is hardly proper to call it a story: it is rather a collection of stories—an informal conglomerate of frontier yarns and pen-pictures of frontier characters. The work has little claim to literary style; it is essentially history in the rough, and fixes for the use of the future historian the salient features of a phase of peculiarly American life and manners now fading into history. The echoes of that stirring period are already dying, for America is preëminently the land of change. *The Great Salt Lake Trail* is a book that Young America, especially, will relish and profit by. It contains seven full-page illustrations by F. Colburn Clarke. A map of the Trail is of course included.—*The Dial*.

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*Democracy in America.* By Alexis de Tocqueville. New Edition. Introduction by President Daniel C. Gilman, of Johns Hopkins University. 2 vols. The Century Co.

Tocqueville's record of his observations during his visit to this country in 1831 is one of the few books of its kind that has triumphantly stood the test of time and of changes so great and radical that history contains no parallel for them. In fact, the value of the work increases as the period with which it deals recedes farther into the past, not only because it offers so many and such important points for comparative study, but, above all, because it remains full of suggestion to the student of our progressive development. A new edition of the work is especially timely at the present moment, when the nation stands at the parting of the ways, hesitating between the new departure, that will sever it almost completely from its past, and the old way, that has been proved and found firm for full a hundred years. For Tocqueville was a social and political philosopher, with a keen eye for the future and its inevitable connection with the present and the past.

President Gilman's introduction lays stress on many a point that the average reader may overlook. It is thorough, minute, and yet does justice to the work as a whole. His tribute to the intellectual qualities of Tocqueville is hearty, yet strictly judicial, and he demonstrates why the Frenchman should rank with the Englishman James Bryce as the foremost of foreign writers on American institutions. This new edition is simply bound for the serious study that the work deserves, and contains a portrait of the author.—*The Critic*.

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*The Control of the Tropics.* By Benjamin Kidd, Author of "Social Evolution." The Macmillan Company.

Thoughtful Americans, still halting between two opinions as to the great question of the hour touching our policy in regard to possible future transmarine possessions or dependencies, will find much to interest them in Mr. Benjamin Kidd's essay on *The Control of the Tropics* (Macmillan).

Besides the essay from which the little book takes its title, the tenth chapter of the author's widely read work on "Social Evolution" is given, the whole forming a booklet of one hundred pages. Mr. Kidd's argument is somewhat elaborate, and justice cannot be done to it in our limited space. His main conclusion is that as it is the manifest destiny of the tropics to be eventually controlled and administered from the temperate regions, it is hence the manifest duty of the English-speaking peoples to so act now ("with clear purpose and with courage") that this eventual control and administration shall conform to English rather than Continental standards of colonial policy. Tropical countries, he argues, should be held in the future as a trust for civilization, and not, as they usually have been in the past, as estates or "plantations" to be worked for the exclusive profit of their custodians. England's administration of India and Egypt is plainly the model Mr. Kidd would hold up for general imitation. To American minds of the "expansive" type, Mr. Kidd's pamphlet will probably open out an alluring vision of the future paramountcy of this country in the tropical regions of Central and South America, which are now parcelled out into purely nominal "republics," and whose vast resources are running to waste in hands incapable of developing them. But will protectionist America, in that great day, suddenly awaken to the broader advantages of "the open door"?—*The Dial*.

*Leonardo da Vinci, Artist, Thinker and Man of Science.* From the French of Eugène Müntz, Member of the Institut de France, Keeper of the collections in the École des Beaux Arts. With forty-eight plates and two hundred and fifty-two text illustrations. In two volumes. Quarto. Charles Scribner's Sons.

If none of the able and even distinguished predecessors of M. Müntz has succeeded in producing the biography of Leonardo da Vinci, which would have made our author's work unnecessary, the reason is not far to seek. The great Italian was the most versatile man of his time, and the multifarious fruits of his protean activity have required many hands and many years for their sifting, classification and elucidation. We have to-day only just about reached the point at which the historian might hope to withdraw his attention from the exclusive, exhaustive analysis of certain details, and, co-ordinating the results of previous investigations, show the interplay of the painter's diverse interests. It is well that this summing-up has fallen to M. Müntz. He has written much, and has written admirably, on Italian art. He has learning, taste, and—what is of even greater service to the reader—a flexible habit of mind which enables him to make his way through the tortuous paths of Leonardo's history with ease and sympathy, never allowing either his

learning or his taste to obscure the most subtle points at issue. The general reader may find these volumes a little difficult, but this is inevitable in a case where the theme is in itself of peculiar depth and complexity. M. Müntz could not, with his material, have produced a simple narrative. The elaborate study which was to be desired he has composed with exemplary judgment and skill.—*New York Tribune*.

*Ave Roma Immortalis.* Studies from the Chronicles of Rome. By Francis Marion Crawford. In two volumes. New York, The Macmillan Company.

Mr. Francis Marion Crawford knows his Rome full well; he can discourse upon the glories and infamies of its past, and upon the problems that beset its present—nay, he can even foreshadow its future—with epigrammatic familiarity and artistic lightness of touch. His new book, *Ave Roma Immortalis* (Macmillan), will be a joy to those who have, like him, absorbed the legends of the "lone mother of dead empires," and plodded their way "o'er steps of broken thrones and temples;" but to the seeker of guide-book knowledge, to the craver after systematic description, it will be an *inextricabilis error*, a maze without a clue. Allusion, than which the initiate finds nothing more charming, becomes to the uninitiate illusion, evasive as will o' the wisp, though hunted ever so hard among the pitfalls and in the darkness visible of dictionary of antiquities or handbook of phrase and fable. *Procul, o procul este profani!* Let the elect enjoy for once a book about Rome which contains not a single explanatory footnote or appendix—not even a preface—and in which the very illustrations in the text are from sketches made by an evident artist, and not those process cuts from photographs to which we are so often condemned by the modern craze for exactness in unimportant detail. Photographs, indeed, are here—some two-dozen full-page ones; but, well made as they are, they seem ashamed of their naked truth, and hide themselves modestly behind the tissue-paper veils with which the publisher has kindly provided them. At first sight, too, there might seem to be some system of the guide-book sort in the arrangement of the reading matter; for, after four introductory chapters on early, imperial and mediæval Rome, the next fourteen bear the titles of the Regions. And the last three chapters are entitled Leo XIII., The Vatican, and St. Peter's. But nobody need be alarmed, for Mr. Crawford roves at will, unconfined by any barriers, like the bee that takes its sweets from every side. In a word, here is a man, bred up in Rome who has drunk in its history at every pore, who has pondered long over classic and mediæval tomes, and who now gives us the refined essence of his lore in one of the most thoughtful books which the lover of Rome ever read.—*The Nation*.

*Story of the Revolution.* By Henry Cabot Lodge. 2 vols. Profusely Illustrated. Chas. Scribner's Sons.

Not only the soldiers and sailors of the United States, to whom the work is dedicated, but all patriotic Americans, will read, with reawakened interest, and with a heightened sense of what they owe their fathers, *The Story of the Revolution*, by Henry Cabot Lodge (2 vols. Scribners). As is implied by the well-chosen name, which answers to a happily-conceived plan of exposition, the book before us is a popular narrative rather than a learned history. It appeals, not to the controversialist or the antiquarian, but to the people at large. There are no footnotes, and seldom in the text is there an incidental citation of authority. For the accuracy of the statements of the fact the reader must take the author upon trust; on the soundness of the deduction from the given premises the reader is himself at liberty to pronounce judgment. Yet, while we have properly described this narrative as popular, while there is in its pages no parade of erudition and while what we behold in them is rather the assimilated outcome of research than the ticketed vouchers of industry, we are far from saying that they lack proofs of a broad, searching and sane philosophy. The detection and analysis of causes, the exploration and admeasurement of results, the keen and just appreciation of political tendencies, social forces and potent personalities—such are the qualities that we expect to see in a composition, not merely descriptive, but also philosophical. These qualities will be found exhibited in ample measure by the book before us. This we shall be able to prove, and, at the same time, best commend these singularly attractive volumes to the wide audience that awaits them by marking what the author has to say about certain crucial topics connected with his general subject, as, for example, the significance of the battle of Bunker Hill, the moral and material effect of the engagements at Trenton and Princeton, the consequences of Burgoyne's surrender, the campaign conducted by Greene in the Carolinas, the results of the surrender of Cornwallis, and finally the meaning of the American Revolution, comprehensively considered, to which the concluding chapter of the story is devoted.—New York Sun.

*The Union of Italy, 1815 to 1895.* By W. J. Stillman. The Macmillan Company.

*The Union of Italy, 1815 to 1895*, by W. J. Stillman, formerly correspondent of the London Times in Rome, is a compact account of the making of the Italian nation, from the standpoint of one who feels keenly that the present nation is unworthy of the sacrifices of the patriots who secured independence and unity. The author, like most present-day conservatives, has nothing but praise for the radicals of former generations, and nothing but distrust for the radicals of his own. Nevertheless, it is not to

be denied that the Italian government has not fulfilled the hopes generally cherished for it when unity was achieved, and the author's fundamental thought, that the failure is due to the fact that Italy did not achieve her independence unaided, is full of truth. Mr. Stillman shows but a dim insight into the economic evils which plague the Italian people, and his history is more valuable on the side of the diplomatic relationships of the governments than of the social relationships of the people.—*The Outlook*.

*The True Benjamin Franklin.* By Sidney George Fisher. Lippincott & Company.

It is a singularly interesting book which Sidney George Fisher has given us under the title of *The True Benjamin Franklin*. This is a successful attempt to bring out the real lineaments of the subject of the biography, lineaments which, to a considerable extent, although not to so large an extent as in the case of Washington, have been obscured by legends. It is true that the human side of Franklin was so clearly revealed by himself in his autobiography that it was not possible for the myth makers to conceal it entirely, so they had recourse to an exaggeration of the more exemplary phases of his character. In the course of his long career as politician, philosopher, man of science, author, philanthropist, reformer and diplomatist, he did a great deal of sterling and admirable work, but almost every creditable incident of his life has been magnified until, from the great and accomplished man he truly was, he has been converted into an impossible prodigy. Almost everything, for instance, that he wrote about in science has been put down as a discovery of his own. Statements which were merely memoranda, or simply represented his method of formulating other men's knowledge, are depicted as the outcome of original thought. Thus the translation of Cicero's "Essay on Old Age," which was made by James Logan and printed by Franklin at Philadelphia in 1744, was republished in 1809 by one of his editors, William Duane, in a collective edition of Franklin's works. Other editors have carried the process of expurgation to a ridiculous extreme, and it must be admitted that some of his letters, as, for example, one on the choice of a mistress, cannot be published in full. The necessity of some elisions of the kind did not warrant Temple Franklin in transforming the vigorous Anglo-Saxon of his grandfather's writings into stilted Latin phrases. Much less did it justify Weems, in his version of the autobiography, in substituting the "American Aquatic" for "Water American," the nickname which, as Franklin tells us, his fellow printers in London gave him because he would drink nothing but water. The author of the book before us believes in letting Franklin speak for himself wherever this may be done without shocking too grievously the reader's sense of propriety, and the result is that we are brought nearer to the man as he was than in any previous biography.

In saying this we do not overlook the popular life by Parton or the elaborate work by Bigelow. —New York *Sun*.

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*The Provincial Governor.* Everts Boutell Greene. Longmans, Green & Co.

Samuel Adams and Patrick Henry, the imposition of a trifling tax, injudicious statesmen in the mother country, could never have promoted the American Revolution. Contemporary philosophers could hardly account for it. Here at home it seemed to grow without assignable cause. Deep forces had been long at work which were connected with a sense of divergent interests. In these, rather than in the fervor of the patriot, which was perhaps little more reasonable than the headlong passion of the mob, are we to look for the motives of the war of independence. In the conflicts between the provincial governor and the provincial assembly this gradually awakening of a consciousness of divergence can be most easily studied. These issues give to the study of "the provincial governor" its great importance. The questions involved are not of merely antiquarian or temporary or local interest; they are vital, permanent and fundamental.

This then is the value of Mr. Greene's exhaustive study, originally prepared as a dissertation for the degree of doctor of philosophy and now expanded into a solid treatise. The proprietary colony like the royal possessed the representative of an externally imposed authority, but the elective governors of Rhode Island and Connecticut stood upon a different footing and are excluded. The period embraced is that between 1688 and the last French war, excluding the complications of the Revolutionary era, and presenting a simple view of the normal working of the provincial constitution. And the field of study is naturally restricted in general to those colonies which afterwards became part of the United States. The appendices contain a series of commissions and sets of instructions to royal and proprietary governors, a list of authorities and an excellent index.

It is not an excessive statement which reckons Mr. Greene's monograph of monumental value in historical study. —New York *Sun*.

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*A Life of William Shakespeare.* By Sidney Lee. With Portraits and Facsimiles. The Macmillan Company.

Mr. Sidney Lee's *Life of William Shakespeare* is based on his article which appeared last year in the fifty-first volume of the "Dictionary of National Biography," and which was at once recognized as a very strong and thorough piece of work, presenting within a brief compass all the ascertained facts in regard to Shakespeare's career. That article, by revision, expansion and change, has grown to the dimensions of a volume of moderate size, the aim of which is to present, in direct and simple narrative, the

dramatist's personal history, based upon the attested facts and dates, avoiding æsthetic criticism or psychological inquiry; and, so far as literary estimates of the plays are introduced, using them solely with reference to biographical purposes. In the accomplishment of this design Mr. Lee has written a book for which all students of Shakespeare have long waited—an exhaustive, well-written statement of the facts in the dramatist's life, with full references to the original sources of information. The book will take its place at once as an authoritative handbook for the Shakespearean student. It does not invade the territory occupied by Professor Dowden, George Brandes, Professor Ten Brink, or any of the extremely valuable expositions of Shakespearean art and genius; it is supplementary to them all, and essential to the student who has them all. The volume throws fresh light on the circumstances under which some of the plays were written; on Shakespeare's relations with Ben Jonson and the episode of the boy actors; on his relations to James I., and on his financial affairs. Mr. Lee has treated the sonnets from an original point of view, gained by a study of the contemporaneous movement in sonnet-writing all over Europe; and the student will find it an antipodal position to that taken by Mr. Wyndham in his very interesting treatment of this subject. Mr. Lee does not believe, in a word, that the sonnets have the autobiographical importance which has been attached to them. He dismisses the theories about the Earl of Pembroke and Mary Fitton, and makes a suggestion of his own. A very valuable part of this volume is the appendix, which covers the sources of biographical knowledge, the career of the Earl of Southampton, "The Vogue of the Elizabethan Sonnet," Mr. William Herbert, and other matters of interest to students of the great dramatist. The book will take rank among the foremost achievements of English literary scholarship. —*The Outlook*.

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*Philadelphia. The Place and Its People.* By Agnes Repplier. The Macmillan Company.

To summarize within the compass of four hundred pages the principal events in the life of a great city for the space of two centuries, to deal not only with its history in the ordinary sense, but with its social history as well, this were an undertaking calculated to make one linger shivering on the brink and fear to launch away. But Miss Repplier essays the task with a light heart and an equally light touch, and a very entertaining volume is the result. Through it all runs a vein of good-humored satire that is sometimes sharp enough, however, for all its good humor. Indeed, the temptation toward the humorously satirical is at times unduly manifest if the decorum of historical narrative is held of much account, it may perhaps be urged in some quarters. Be that as it may, Miss Repplier succeeds in being eminently readable and can afford to make light of her critics therefore.

The book it seems to us, in spite of some minor shortcomings, is a distinct success in its own line, because from out of this pleasant narrative, as a setting, there emerges a very clear presentment of what Philadelphia has stood for in the past and for what it stands in the present. From its perusal the reader will obtain in all probability, unless unusually obtuse, an intelligent conception of the city's characteristics which differentiate it so strongly from other American communities, and the reason therefor. Miss Repplier does not shrink from criticising certain aspects of her subject, and in spite of her pride in the Quaker City, she is not an indis-

criminating admirer of all within its borders. She is, for instance, properly severe upon certain aberrations of modern architecture which it affords for the admiration or scorn of men, according to the amount of their intelligence; and it is refreshing, indeed, to find a Philadelphian daring to utter the truth about the terrible City Hall. But the Philadelphians should forgive her this ingratitude to her for having written the most readable account of their city that has yet appeared, and all other readers will thank her for having afforded them a large amount of pleasure in this, her latest effort.—*Boston Transcript*.

### EDUCATIONAL.

*University Addresses.* Being Addresses on Subjects of Academic Study delivered to the University of Glasgow. By John Caird, D.D. The Macmillan Company.

The late Principal of Glasgow University was dominated by two affections—love of study and love of the students to whom he stood in the relation, not so much of teacher, as of guide, philosopher and friend. Both are admirably illustrated in this volume, which has a short preface by Mr Edward Caird, the Master of Balliol and the Principal's brother by blood and in the bonds of Hegelian enthusiasm. The late Dr Caird had a great command of an Olympian—occasionally too Olympian—eloquence; his conception of the real function of a University was mediæval in its loftiness; and he was somewhat of a precisian in style, as all careful Scottish students of English are. His addresses are therefore readable, carefully written and gently stimulating.

He is seen at his best in his studies of what Mr Edward Caird terms the "great authors" who are our representatives of University studies" in his papers on Erasmus, Galileo, Bacon, Hume and Butler. Here he is more of the lucid thinker and critic than of the preacher. They show, too, that he was not without a vein of humor or sarcasm. Dr Caird's essay on Butler will be read with advantage by those who are inclined to accept without reservation Mr Gladstone's views of the "Analogy" and its author, and ultra-Baconians will find the paper on their idol to be somewhat of a corrective. They are reminded that Copernicus, Galileo, Kepler, Gilbert, and other experimental investigators, in obedience to a common impulse, had already, before Bacon took pen in hand, practised with splendid success what he preached.

This volume is one which will be read with interest and profit by men of culture in the comprehensive sense. It indicates the high water mark, not of Scottish research in theology or metaphysics, but of dignified and yet unpretentious Scottish scholarship.—*Literature*.

*Iphigenie auf Tauris.* By Göthe. *Jungfrau von Orleans.* By Schiller. The Macmillan Company.

Two more volumes of The Macmillan Company's excellent German series (60 cents a volume) are before us, Göthe's *Iphigenie auf Tauris*, edited much better than has been done before in America, by Dr. Eggert, and Schiller's *Maid of Orleans*, presented with much elaboration, though hardly as happily from the literary side, by Dr. Humphreys. Both books are to our mind needlessly swelled by indexes, about as useful here as they would be to a table of logarithms, and by bibliographies. Dr. Humphreys offers four other appendixes. Both introductions and notes could be greatly shortened without loss, but their very bulk will appeal to many, and their industrious scholarship will command the respect of all. We wish, however, that the commentaries had been more on literary and critical lines. The letter killeth in German as well as in Scripture. The philological bacillus is still doing its evil work among us, though the disease is becoming of a milder type.—*The Churchman*.

*Industrial Electricity.* Translated by A. G. Elliott from the French of H. D. Graffigny. The Macmillan Company.

Mr. A. G. Elliott's little work on *Industrial Electricity* is the first and introductory volume of an electro-mechanical series published by Whitaker & Co., London, and The Macmillan Company, New York. The editor, in introducing the volumes, expresses the belief that there is room for them because they explain in very clear and non-mathematical language the many and various applications of electricity. Many thousand copies of the original French edition have been sold. The present volume is divided into short chapters, each dealing with a separate branch of practical electricity—its nature, the units, magnetism and induction, practical measurement, chemical generators, accu-



mulators, dynamo-electric machinery, electric light, electricity as a motive power, electric chemistry and electro-plating, bells and telephones, and telegraphs. In the succeeding volumes of the series the more important branches of the subjects touched upon here will be treated separately and in detail.—*Popular Science Monthly*.

*The Federalist*. Edited by Paul Leicester Ford. Henry Holt & Co.

A new edition of *The Federalist*, edited by Mr. Paul Leicester Ford, contains an interesting introduction, and presents several features of interest to students and lawyers. Among these are Hamilton's preliminary outline and the table of contents and introduction of the first edition. A synopsis of each essay is given at its head, with references to the newspapers in which the essays first appeared. The text has also been annotated to explain obscure allusions; and in an Appendix we have the Articles of Confederation and the Constitution, with references to the decisions of the Supreme Court bearing on each clause, and much other interesting matter. For the first time, *The Federalist* has been thoroughly indexed in this compact volume.—*The Critic*.

*Practical Plant Physiology*. By Dr. W. Detmer. Translated from the second German edition by S. A. Moor, M.A. (Camb.), F.L.S. The Macmillan Company.

A translation of Detmer's "Pflanzenphysiologische Practicum" will doubtless be very acceptable to students of vegetable physiology in English-speaking countries. Since its publication Detmer's work has always been a standard one, and its second edition was in many ways a great improvement on the first. However, notwithstanding the high reputation of the German edition, it seems a pity that the translator should decide that "no sufficient reason has been found for addition or alteration;" for, with but little extra trouble, a very complete English text-book could have been made of the translation. By including physiological work published since 1895, and by the addition of more complete references to older researches, the usefulness of the book would have been largely increased.

The German edition has already been reviewed in a previous number of *Nature*, so that little need be said of the translation. The translator's style is good, and he reproduces faithfully the sketchy and note-book-like form of the original. It may be added that the English edition is well printed, and the illustrations have hardly suffered in their reproduction.—*Nature*.

*Elements of Sociology*. By Franklin H. Giddings, Professor of Sociology at Columbia University. The Macmillan Company.

In his *Elements of Sociology: A Text-Book for Colleges and Schools*, Professor Giddings, of

Columbia, has not made a mere abridgment of his "Principles of Sociology" (now translated into French, Russian and Spanish), but has produced a new book. By such books he has effectively rebutted the allegation, made years ago by Mr. Leslie Stephen, that sociology was but a name for a mass of undisguised facts and crude moralizings. In the present book he has worked out some portions of sociological theory more fully than in the "Principles." In the concluding pages on "Psychical Causation and Laws" is an original contribution both to psychological and sociological theory. In the successively developing stages of the "Social Mind" it is found that sympathetic like-mindedness, the primary type of social action, and formal like-mindedness, the secondary type, conforming to tradition and authority, yield diminishing returns of satisfaction. The former, blindly impulsive, is often destructive and costly; the latter protects abuses and bars progress. In Professor Giddings's "Analysis of Democracy" he remarks that those who regard it as merely a form of government have hardly begun to understand it. True democracy is ethical like-mindedness, in which reason and conscience are the controlling elements in forming and executing policies for the organization and perfection of social life, "in order that the great end of society, the perfection of the individual personality, may be completely attained." In view of the impossibility of covering the field of economical, legal, and political science in college courses, Professor Giddings suggests what seems to us eminently desirable, viz., that a large part of the time now devoted to such branches as Political Economy, Civics, etc., should be devoted to the more radical study of the nature and laws of human society.—*The Outlook*.

*Analytical Geometry for Technical Schools and Colleges*. By P. A. Lambert, M.A., Instructor in Mathematics, Lehigh University. The Macmillan Company.

In the selection and arrangement of the material in this text-book the author has followed French rather than English usage. After an introduction to rectangular co-ordinates he devotes a short chapter (15 pages) to the straight line, circle and conic sections, developing but briefly the fundamental properties. The next two chapters (32 pages) are devoted to the plotting of algebraic and transcendental equations. Here he lays a good deal of stress on a part of the work which is too often insufficiently treated in text-books. Students of engineering and physics will find a good drill in plotting those equations which they so often meet. Some portions of the chapter, however, would seem too difficult for a first reading. After devoting a chapter each to the transformation of co ordinates and to polar co ordinates he gives in the next three chapters (52 pages) the analytical treatment of the straight line, circle and conic sections, after which comes a chapter on the general equation

of the second degree. In the later chapters of the book he treats of line co-ordinates, cross ratio, graphic representation of imaginaries and gives an introduction to geometry of three dimensions. After reading the book one will feel, I think, that the best part is the chapters on curve-tracing. The rest seems almost too incomplete to be thorough. In assigning to Argand the first representation of the complex variable by a point in a plane he evidently has not heard of Caspar Wessel's memoir to which attention was called in 1895 by Mr. S. D. Christensen.—*Journal of Pedagogy*.

*A Short History of English Literature.* By George Saintsbury, Professor of Rhetoric and English Literature in the University of Edinburgh. The Macmillan Company.

Mr. George Saintsbury is thoroughly competent to write a history of English literature; his knowledge is full and accurate, and he has the art of making himself clearly understood. We cannot conscientiously recommend his style as a model, picturesque and forcible as it frequently is, but he easily finds his facts and presents them, which is the best part of a historian's task. In this book of over 800 pages he has outlined with notable care the nature and course of English literature from the earliest Anglo-Saxon poetry down to Tennyson and his contemporaries. Of course, thoroughness, in the sense of the word which includes expansive completeness, could not be reasonably looked for within the limits of a single volume; still Mr. Saintsbury has been able to crowd in, without confusion, almost all of the essentials necessary to an intelligent comprehension of the subject treated. With the aid of the very full table of contents and the excellent index, there will be little difficulty in pursuing investigation of any particular line of historical development, or in studying the main surroundings of any particular author. Mr. Saintsbury's acquaintance with early French literature is clearly shown in this work, and it has been of great value. We may not always accept his critical conclusions, although these are sound as a rule, the exceptions being too strongly marked to escape instant notice. The book will be a useful addition to every library of English literature.—*The Independent*.

*Rivers of North America. A Reading Lesson for Students of Geography and Geology.* By Professor Israel C. Russell, of the University of Michigan. G. P. Putnam's Sons.

This book is for amateur as well as professional students, for all who are interested in learning how the hilly landscape, whose contour shows no change from century to century, acquired its features. Job observed that "the waters wear the stones," but the immensity of the work thus done is as yet unsuspected except by the physiographer and his pupils. In such a book as this he shows us the rivers at their time-long

work of land-sculpture. It is a satisfaction to know that though in the end "the earth be removed, and the mountains carried into the midst of the sea," our habitable area is thus lowered only about one foot in nine thousand years. Meanwhile the destructive process is attended with aesthetic benefit in the charm or grandeur of the natural scenery it creates. Professor Russell has certainly brought well within the scope of the general reader a subject regarded as a province of the learned. The book is well illustrated and indexed.

*Thoughts and Theories of Life and Education.*

By J. L. Spalding, Bishop of Peoria, Chicago, A. C. McClurg & Co.

This book is not a logical treatise upon the subjects indicated in its title. Logic is an adjustment of truth. But the essence of truth is a greater thing than its adjustment. And it is with the essence of truth that this book deals. It is a casket of separate gems. It is filled with well considered, tersely expressed, fundamental principles concerning life, its possibilities, and its destiny. And it deals with life, not in its mere outward forms, but in its higher and nobler aspects. The learned writer assumes that man was not made for this world, but that the world was made for man; that all our activities, moral, intellectual and physical, ought to result in the development of worthy character in ourselves and others.—*Educational Review*.

*Famous Problems of Elementary Geometry.* By Felix Klein. Translated by W. W. Beman and D. E. Smith. Ginn & Co.

Our mathematical readers who do not read German will be glad to know that they have now before them a translation of a discussion of three famous geometric problems of antiquity, namely, the duplication of the cube, the trisection of an angle, and the quadrature of the circle as seen through modern eyes. This discussion took place at Göttingen at a meeting of the German Association for the Advancement of the Teaching of Mathematics and the Natural Sciences, and was presented by the great German mathematician, Professor Felix Klein, with the purpose of bringing the study of mathematics in the university and gymnasium into closer connection. Such an important work as this will doubtless be read very widely, and the joint translators have done good service in making this discussion more available by the excellent translation we have before us.—*Nature*.

*Commercial Cuba.* By William J. Clark. Chas. Scribner's Sons.

*Commercial Cuba*, by William J. Clark, which the Scribners have just published, is a thoroughly good and useful book. Except for a slight, but (for his purpose) sufficient account of Cuba manners and customs, especially as affect-

ing business habits, the author holds himself strictly to his task of describing the actual and potential, commercial and industrial condition of Cuba. We should not know where to find within another pair of covers so much and so carefully sifted information bearing on this subject. With the necessary warnings against pinning too implicit faith to statistics drawn from Spanish sources, which notoriously make of statistics one of the most inexact of sciences, the tables of debt and revenue, and trade and production which Mr. Clark has compiled may be studied with real profit. His painstaking account of the railway and telegraph systems; of highways and harbors; of rivers and water supplies, and light-houses; of sugar and tobacco-growing; and his detailed description of each province and of every city of any size, together with a "business directory" for the whole island, make his book one of great value for reference as well as for practical guidance. In the present situation of Cuban affairs it should command a wide sale. Its accuracy is certainly of a high order.—*The Nation*.

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*Lecture Notes on the Theory of Electrical Measurements.* By William A. Anthony. John Wiley & Sons.

This little volume is designed to furnish the student with the broad outlines of the subject treated, and to thus assist him in getting possession of the subject as more elaborately presented in a series of lectures. The fundamental equations upon which electrical measurements are based are given, and the physical conditions to which they apply are stated with clearness. The book opens with a short chapter on C.G.S. units. Then follow chapters on the

magnetic field, current, potential and electromotive force and resistance, with a statement of Ohm's law. The international electrical units are then treated. The general plan of measuring resistance, current and potential is explained, the instruments used being represented in diagram. The second branch of the subject closes with a treatment of the methods of calibrating ammeters, voltmeters, resistance sets and bridge wires. The remaining portion of the work, comprising sixteen pages, is devoted to the effects of the current in heating, glow and arc lighting, electrolysis and electro magnetic induction. The electro-magnetic circuit is also discussed. The book is provided with an index and table of contents.—*Science*.

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*The Arithmetic of the Steam Engine.* By E. Sherman Gould. D. Van Nostrand Co.

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## DEVELOPMENT OF THE TEXT-BOOK OF AGRICULTURE IN NORTH AMERICA.\*

A century and a-half ago the ancients were still dominant authorities in agriculture. The first great application of scientific teaching to agriculture was Tull's "Horse-Hoeing Husbandry," 1733, in which an attempt was made to improve tillage by expounding what were conceived to be its underlying principles and results. The scientific spirit of inquiry grew slowly and steadily; but it was not until the birth of the science of agricultural chemistry in the early years of this century that great progress was made in applying science to farming. Davy, Liebig and Boussingault, representing three nationalities, are the prominent names in this early field. The principles of chemistry as applied to farming were conceived to be fundamental concepts of a rational agriculture. They afforded a central idea around which all other agricultural questions could be crystallized. The long hoped-for science of agriculture had come.

In the ultimate analysis of the text-books of agriculture, one finds two contrasting and conflicting types of ideas—the idea of science and the idea of business or practice. Those who conceive science to be the fundamental and controlling idea in farming, start the book with discussions of groundwork of science—chemistry, plant life, physics, meteorology. Most of the older books, and many of the newer ones, are of this type. Those who conceive business or practice to be the unit in agriculture start the book with farm management as explained and aided by science. The former system is applied science, and it usually starts with heat, air, elements, chemical action, or physiology; the latter system is scientific explanation and advice, and starts with soils, plants or animals. One emphasizes the standpoint of the student, the other the standpoint of the farmer. The applied-science book may make its theme either physical science or biological science. It usually chooses the former, particularly chemistry. The early idea was to combine science with practice. The present idea is to make practice scientific from the beginning.

There is a third type of text-book, in which the distinctions between science and farm management are not clearly apprehended, and the work becomes a compound of the two main-type ideas.

\* The latest addition to the American texts designed to aid the teaching of agriculture in the common schools is Professor Bailey's "Principles of Agriculture," the newest issue in the Rural Science Series. As this work is probably destined to mark an epoch in American text-books of Agriculture, we have secured from Professor Bailey the above sketch of the rise of text-books in this country.

It is futile to endeavor to make agriculture a science. If it were a science it would be easy enough to pursue it, for sciences are more or less exact. As a matter of fact, agriculture is trade. It is buying and selling. It is business. But, unlike most other businesses, the operator is producer of the raw material as well as dealer in the products. In order to produce his wares to the best advantage, he must know much of physics and chemistry and botany and of other sciences; but this does not make agriculture a science—it only makes it scientific.

These remarks will suggest why it is that there is such a bewildering diversity in plan in the various text-books of agriculture. One reason why these text-books have not been more successful in accomplishing the mission for which they are designed, is the fact that they look upon agriculture from the academic standpoint rather than from the agricultural standpoint. Another reason is the attempt to make them practical by inserting specific directions for the performance of accustomed farm operations; for these directions must necessarily be of local and temporary application, whereas principles are cosmopolitan and eternal.

Probably more than a dozen school books of agriculture were published in the United States prior to the passage of the land-grant college act in 1862. The earliest one which I know is Taylor's "Farmer's School Book," published in 1837 in Ithaca and Albany, New York. This is a 16mo of 232 pages "designed as a reading book in common schools." "Children may read and study in the school room what they will practice when they become men. They now read the 'English Reader,' or some other 'collection' that they do not understand, or feel any interest in, and which, the worst of all, never gives them one useful idea for the practical business of life." Taylor was editor of the monthly "Common School Assistant," and author of "The District School, or National Education," the latter designed "to show what our common schools now are, what they ought to be and how the people may make them such." His "Farmer's School Book" starts out with general discussions of physical science, but soon passes into considerations of farm practice and management of specific crops. The chapter on hemp was written by Henry Clay.

The second text appears to have been Judge Buel's adaptation of General Armstrong's "Treatise on Agriculture," 1839. There is no internal evidence that this work was designed for the schools, although it was adaptable to that use; but it was one of Harpers' "School District Library." The original edition was published anonymously "by a practical farmer" in 1820 in Albany. It first ran as a serial in the *Albany Argus*, Judge Buel's paper, in 1819. General John Armstrong was a soldier in the Revolution, and subsequently United States Senator, Minister to France and Secretary of War. The book under consideration treats the subject almost wholly from the standpoint of farm practice, and was an excellent treatise for its day.

Judge Buel's "Farmer's Companion, or Essays on the Principles and Practice of American Husbandry," was published in 1839. The volume was also incorporated in "The School Library," Vol. XVI., a series "published under the sanction of the board of education of the State of Massachusetts." The book does not appear to have been intended as a pupil's text, however.

The first distinct and professed American text-book of agriculture appears to have been Alonzo Gray's "Elements of Scientific and Practical Agriculture," published in New York in 1842. Its chief theme is life, the "vital principle," and it is the fullest analysis of the biological type of presentation which has yet appeared in our text-book literature. It gives an excellent outline, also, of the chemical wisdom of the time. It is too technical even for our present-day rural schools.

The next work is Dr. Rodgers', of Rochester, New York, published in 1848, and in a second edition in 1850. It is a most complete and systematic presentation of the applied-science idea, running through chemistry, geology, botany and meteorology; and it ends with an attempt to present agricultural subjects. The highly-illuminated symbolic frontispiece well represents the animus of the work—a scroll reached from the electric heavens bearing the words "chemistry, geology, botany, meteorology, agriculture."

A great advance was made by Professor Norton's "Elements of Scientific Agriculture," 1850. Here there was a distinct and successful attempt to approach the subject from the agricultural view-point, explaining rural practices by the applications of science. But even here the advice was very largely chemical. This was not a fault fifty years ago, but it seems to be a shortcoming when it is used in books of the present day. Norton's book, with Waring's, and Emerson and Flint's, may be considered a classic in our elementary text-book literature.

In 1851 the reading-book idea, apparently dormant since Taylor's day, came forward in Rev. John L. Blake's "Lessons in Modern Farming." This book differed widely from Taylor's, however, in the fact that it presents the subject from the literary side, whereas the earlier book presented it from the science and farm-practice side. Blake had a great intellectual interest in rural life, as evidenced by his "Farm and Fireside," 1852, and "Farmers' Every-Day Book," and "The Farmer at Home."

Waring's excellent "Elements of Agriculture," 1854, reminds one of Norton's book, although it is written more completely from the chemical standpoint. The revision is dated 1868, but the general line of treatment remains the same; the author writes that "the observation and experience of the intervening years have sadly clouded some of these fancies [of the original edition], and the veil which hangs about the true theories of agriculture has grown harder to penetrate; the difficulties in the way of precise knowledge have not lessened with closer acquaintance." This frank admission is the indisputable mark of the honest searcher for truth. It also suggests the inherent weakness of the attempt to teach agriculture under the guise of an exact physical science. To those who have learned to honor the name of Colonel Waring as that of a practical sanitary engineer and an efficient public servant, these references to his early labors in the agricultural field will afford a new source of pleasure.

Fox's "American Text-Book," 1854, has the distinction of being the first text published west of New York State. The chemical features are strong, even in the discussions of the particular crops. It goes into the methods of growing the leading crops, with considerable fullness.

Nash's "Progressive Farmer," 1857, is another chemical presentation of the subject, being even more closely confined to this view-point than most of its contemporaries. Chemistry and fertilizing the land are considered to be the fundamental units.

A translation of Albert D. Thaër's "Principles of Agriculture," by William Shaw and Cuthbert W. Johnson, was published in New York in 1858. It was not designed as a text-book for schools, although it was one of the volumes of the "Michigan District School Library." It was an important work in its day.

It appeals to the writer that the books of Norton, Waring, and Emerson and Flint are the three great American text books; and of these, that of Emerson and Flint seems to come nearest to the agricultural point of view. The book starts out with the chemical theme—the composition of matter—but it quickly runs into a rational elucidation of farming by means of scientific truths. It attempts to give the underlying reasons for rotation of crops, maintaining fertility of the land, the cultivation of particular



classes of plants, the management of stock and similar true agricultural problems. It stands between the old-time applied chemistry and the new-time farm practice. The second edition of the book, with no change of plan, appeared in 1885.

The agricultural colleges began to come to the fore in the sixties. Agricultural education was given an immense impetus. Of the text-books of this early period two stand out with great distinction—the ever-admirable works of Professor Johnson, of Yale, on "How Crops Grow" and "How Crops Feed." The former first appeared in 1868, and a new edition in 1890; the latter, which is still in its original edition, appeared in 1870. These are not text-books of agriculture, but agricultural chemistries, and they are therefore not included in the following bibliography; but they gave such an impetus to the study of the subject that no sketch of American agricultural education can be complete without a mention of them. They have practically held the field alone until the appearance of Storer's "Agriculture in Some of its Relations with Chemistry," in 1887.

In the modern text-books of agriculture, the agricultural point of view has been more and more emphasized. Yet the greater part of them start out with the theme of the composition of matter, as those of Janes, Lupton, Thompson, Gulley, Winslow, Wallace, Voorhees, Dawson. The most recent one, James's "Agriculture," is the only work since Gray's, unless we except Pendleton's, which makes life, or biology, the primary theme of the treatise. Mills and Shaw's book starts out with chemistry, but, like James', it very soon picks up the farmer's point of view and discusses farm management. Pendleton's book, which is the most minute and extended American text, presents both the biological and physical-science sides, making some practical applications near the end.

From the earliest agitation of agricultural education, the State has been urged, directly or indirectly, to promote the enterprise. Armstrong's original treatise, 1820, was strongly commended by the New York State Board of Agriculture. Norton's was a "prize essay of the New York State Agricultural Society." Emerson and Flint's was approved and recommended by the Massachusetts State Board of Agriculture. Ryerson's was "authorized by the Council of Public Instruction of Ontario." Janes' "Scientific Manual" was published by the Department of Agriculture of the State of Georgia. Lupton's book was written under the auspices of the Superintendent of Public Instruction and the Commissioner of Agriculture of the State of Tennessee. Gulley's "First Lessons" was written at the solicitation of the Agricultural College of Mississippi. Mills and Shaw's was "authorized by the Honorable the Minister of Education for use in the Public Schools of Ontario." The plan of Voorhees' work was endorsed by the New Jersey State Board of Agriculture and the State Grange. Robins' edition of Dawson is published under the authority of the Protestant Committee of the Council of Public Instruction. James' book is written by the Deputy Minister of Agriculture of Ontario. The Manitoba government has published two text-books of agriculture, one for pupils and one for teachers.

Of course, the best view of the subject of text-book literature can be had by examining the books, but there are few libraries in which all these works can be seen. The writer, therefore, has brought together a chronological list of all American text-books of agriculture with which he is acquainted, together with transcriptions of their tables of contents. It is an interesting and suggestive record. Efforts enough have been made, but they have fallen short of anticipations. Before text-books, we need teachers; and we must appeal to the child through his interest in nature rather than in the farm.

## CHRONOLOGICAL BIBLIOGRAPHY OF AMERICAN TEXT-BOOKS OF AGRICULTURE.

COMPILED BY PROFESSOR BAILEY.

- J. ORVILLE TAYLOR. *The Farmer's School Book*. Pub. at the "Common School Depository," Albany, 1837, and by Mack, Andrus and Woodruff, Ithaca, 1837. Pp. 232.

Introduction. Chap. i., chymistry—general principles; ii., caloric; iii., oxygen; iv., nitrogen; v., atmosphere; vi., carbon—carbonic acid; vii., light—electricity; viii., hydrogen; ix., water; x., the earth; xi., how tillable lands are made; xii., the composition of arable lands; xiii., vegetable nutriment; xiv., properties of mixed earths and their cultivation; xv., the nature of manures—varieties; xvi., the nature of manures—continued; xvii., stimulating manures—lime, plaster, ashes and marl; xviii., improvement of the soil; xix., succession of crops; xx., grasses; xxi., grasses—continued; xxii., hemp; xxiii., hops; xxiv., rutabaga; xxv., pasture; xxvi., the culture of silk; xxvii., history of silk; xxviii., silk—continued; xxix., sugar made from beets; xxx., beet sugar—continued; xxxi., best breeds of cattle; xxxii., the different breeds of neat cattle compared; xxxiii., on buying and stocking a farm with cattle; xxxiv., the cow—raising calves; xxxv., working oxen; xxxvi., pasturing cattle; xxxvii., soiling cattle; xxxviii., stall-feeding beef cattle; xxxix., milch kine; xl., the pasture and other food best for cows, as regards their milk; xli., the management of milk and cream—making and preserving butter; xlii., making and preserving cheese; xliii., swine; xliv., diseases of cattle; xlv., diseases peculiar to oxen, cows and calves; xlvi., diseases of horses; xlvii., sheep; xlviii., sheep—continued; xlix., the farmyard; l., the farmyard—continued.

- JOHN ARMSTRONG. *A Treatise on Agriculture: Comprising a concise history of its origin and progress; the present condition of the art abroad and at home, and the theory and practice of husbandry. To which is added a dissertation on the kitchen and fruit garden. With Notes by J. Buel*. Harper & Bros., 1839. Pp. 282. No. 88 of "School District Library."

Chapter i., of the rise and progress of agriculture; ii., of the actual state of agriculture in Europe; iii., theory of vegetation; iv., of the analysis of soils and the agricultural relations between soils and plants; v., of practical agriculture and its necessary implements; vi., of manures, their management and application; vii., of tillage, and the principles on which it is founded; viii., of a rotation of crops, and the principles on which it is founded; ix., of the plants recommended for a course of crops in the preceding chapter, and their culture; x., of other plants useful in a rotation of crops, and adapted to our climate; xi., of meadows; xii., of farm cattle; xiii., of the dairy; xiv., of orchards; xv., of the kitchen garden; xvi., of the fruit garden.

- ALONZO GRAY, A.M., Teacher of Chemistry and Natural History in Philips Academy, Andover, Mass. *Elements of scientific and practical agriculture, or the application of biology, geology and chemistry to agriculture and horticulture. Intended as a text-book for farmers and students in agriculture*. Van Nostrand & Terrett, N. Y. Copyright 1842. Pp. 368.

Introduction. Part First is "Biology of Plants:" Chapter i., the vital principle; ii., influence of the atmosphere, water and other agents, upon the vital principle, as connected with the phenomena of vegetation; iii., productions of the vital principle—their character, composition, sources and assimilation. Part Second is "Geology and Chemistry of Soils:" Chapter iv., rocks and their relation to vegetation; v., soils and their relation to vegetation; vi., improvement of the soil; vii., improvement of the soil by manures and tillage; viii., practical agriculture; ix., horticulture.

- M. M. RODGERS, M.D. *Scientific Agriculture, or the elements of chemistry, geology, botany and meteorology, applied to practical agriculture. Illustrated by numerous engravings and a copious glossary*. Erastus Darrow, Rochester, 1848. Pp. 279.

Part I., Chemistry: chap. i., introductory; ii., light; iii., general properties of gases; iv., elementary bodies; v., fermentation. Part II., Geology: chap. i., introductory; ii., granite. Part III., Botany: chap. i., introductory; ii., organs and structure of the flower; iii., structure and functions of the leaf; iv., general remarks. Part IV., Meteorology: Chap. i., introductory; ii., rain; iii., various aerial phenomena. Part V., Agriculture: Chap. i., formation and elements of soils; ii., metals, metalloids, and organic elements of soils; iii., physical properties of soils; iv., tillage; v., sterility—manures; vi., mineral manures; vii., tables of analyses; viii., analysis of soils; ix., chemistry of the dairy, or the art of making butter and cheese; x., mechanical philosophy. Glossary.

A second edition was published in 1850, of 296 pages, by Erastus Darrow, Rochester; C. M. Saxton, New York; J. P. Jewett & Co., Boston. It is said that over 3,000 copies of this second edition were sold; and the plates are still in existence.

JOHN P. NORTON, Professor of Scientific Agriculture in Yale College. *Elements of Scientific Agriculture, or the connection between science and the art of practical farming. Prize essay of the New York State Agricultural Society. Adapted to the use of schools.* A. O. Moore, New York. Copyright 1850. Pp. 208.

Introduction; organic elements of plants; inorganic part of plants, or ash; sources of the organic food of plants; the organic substances of plants; the soil; manures; composition of different crops; application of the crops in feeding; milk and dairy produce generally; recapitulation; nature of chemical analysis; applications of geology to agriculture.

Norton's book went to a second edition in 1851, and to a fifth in 1854.

REV. JOHN L. BLAKE, D.D. *Lessons in Modern Farming; or, Agriculture for Schools; containing scientific exercises for recitation, and elegant extracts from rural literature, for academic or family reading.* Mark H. Newman & Co., New York, 1851. Pp. 432.

Has no table of contents. The first essays are "Moral Dignity of American Labor," "The Harbinger of Spring," "The Old Grist-mill" (poem), "Thanksgiving Day" (poem), "Scientific Terms in Agriculture," "Agricultural Chemistry," "The Crop of Acorns" (poem), "The American Ploughman," "Physiological Reflections on Water," "The Superiority of Educated Labor."

GEORGE E. WARING, JR., Consulting Agriculturist. *The Elements of Agriculture: A book for young farmers. With questions prepared for the use of schools.* Clark & Maynard, New York. Copyright 1854. Pp. 288.

Section I., The Plant: Chapter i., introduction; ii., atmosphere; iii., hydrogen, oxygen and nitrogen; iv., inorganic matter; v., growth; vi., proximate division of plants; vii., location of the proximates and variations in the ashes of plants; viii., recapitulation. Section II., The Soil: Chapter i., formation and character of the soil; ii., uses of organic matter; iii., uses of inorganic matter. Section III., Manures: Chapter i., character and varieties of manure; ii., excrements of animals; iii., waste of manure; iv., absorbents; v., composting stable manure; vi., different kinds of animal excrement; vii., other organic manures; viii., mineral manures; ix., deficiencies of soils, means of restoration, etc.; x., atmospheric fertilizers; xi., recapitulation. Section IV., Mechanical Cultivation: Chapter i., mechanical character of the soil; ii., under-draining; iii., advantage of under-draining; iv., sub-soil plowing; v., plowing and other modes of pulverizing the soil; vi., rolling, mulching, weeding, etc. Section V., Analysis: Chapter i., nature of analysis; ii., tables of analysis. The practical farmer. Explanation of terms.

CHARLES FOX, Lecturer on Agriculture in the University of Michigan. *The American Text-Book of Practical and Scientific Agriculture, intended for the use of colleges, schools, and private students; as well as for the practical farmer. Including analyses by the most eminent chemists.* Elwood & Co., Detroit, 1854. Pp. 354. Chapter i., introductory; ii., plants, the air, water; iii., the soil; iv., meteorology;

v., formation of plants ; vi., wheat ; vii., rye ; viii., barley ; ix., oats ; x., Indian corn ; xi., rice, buckwheat, millet, Canary grass ; xii., leguminous plants—beans, peas, lentils, vetches, and lupines ; xiii., grasses and other fodder plants ; xiv., clover and other forage plants ; xv., plants cultivated for their roots and leaves—turnips, kohlrabi, cabbage, rape ; xvi., potato, Jerusalem artichoke ; xvii., parsnip, carrot, beet ; xviii., sweet potatoes, mustard, hops ; xix., onions, pumpkins, tobacco, castor oil bean, liquorice, uncommon plants ; xx., teasel, flax, hemp, broom corn, ozier willow ; xxi., fruit trees and vegetables ; xxii., manures ; xxiii., plowing.

J. A. NASH, Principal of Mount Pleasant Institute, Instructor of Agriculture in Amherst College, and Member of the Massachusetts Board of Agriculture. *The Progressive Farmer: A scientific treatise on agricultural chemistry and the geology of agriculture; on plants, animals, manures and soils. Applied to practical agriculture.* A. O. Moore, N. Y., 1857. Pp. 254.

Chapter i., agricultural chemistry ; ii., geology of agriculture ; iii., vegetable physiology ; iv., animals and their products ; v., manures ; vi., practical agriculture.

JAMES F. W. JOHNSTON, M.A., etc. *Catechism of Agricultural Chemistry and Geology. Approved by the Provincial Board of Education for use in the schools in New Brunswick. Fortieth edition.* Barnes and Co., St. John, N. B., 1861. Pp. 68. An English work reprinted. Contains 406 questions, with answers.

GEORGE B. EMERSON and CHARLES L. FLINT, the latter Secretary of the Massachusetts State Board of Agriculture. *Manual of Agriculture, for the school, the farm and the fireside.* Swan, Brewer & Tileston, Boston, 1862. Pp. 306.

Chapter i., introduction ; ii., the air and the gases in it ; iii., the atmosphere and the forces acting in it ; iv., changes in the atmosphere—instruments to measure them—climate ; v., of water ; vi., of plants ; vii., elements of plants ; viii., organic compounds in plants ; ix., the soil ; x., of the sub-soil ; xi., of amendments ; xii., of fertilizers ; xiii., of tillage ; xiv., preparation of lands ; xv., sowing, planting, etc. ; xvi., culture of the cereals ; xvii., leguminous plants ; xviii., esculent roots ; xix., the grasses—formation of meadows or upland mowings ; xx., plants used in the arts and manufactures ; xxi., of rotation of crops ; xxii., the harvest ; xxiii., diseases and enemies of growing plants ; xxiv., management of farm stock ; xxv., the economy of the farm ; xxvi., economy of the household. Questions.

GEORGE E. WARING, JR. *The Elements of Agriculture: A book for young farmers. Second and revised edition.* The Tribune Association, N. Y. Copyright 1868. Pp. 254.

Section I., The Plant: Chapter i., introduction ; ii., the atmosphere and its carbon ; iii., hydrogen, oxygen and nitrogen ; iv., earthy matter ; v., growth ; vi., starch, woody-fibre, gluten, etc. ; vii., location of the different parts, and variations in the ashes of plants ; viii., recapitulation. Section II., The Soil: Chapter i., formation and character of the soil ; ii., uses of atmospheric matter ; iii., uses of earthy matter. Section III., Manures: Chapter i., character and varieties of manures ; ii., animal excrement ; iii., waste of manure ; iv., absorbents ; v., composting stable manure ; vi., different kinds of animal excrement ; vii., other organic manures ; viii., mineral manures ; ix., deficiencies of soils, means of restoration, etc. ; x., atmospheric fertilizers ; xi., recapitulation. Section IV., Mechanical Cultivation: Chapter i., the mechanical character of soils ; ii., under-draining ; iii., advantages of under-draining ; iv., sub-soil plowing ; v., plowing and other processes of pulverizing the soil ; vi., rolling, mulching, weeding, etc. Section V., Analysis: Chapter i., analysis ; ii., tables of analysis. The practical farmer. Explanation of terms.

EGERTON RYERSON. *First Lessons on Agriculture; for Canadian farmers and their families. Second edition.* Copp, Clark & Co., Toronto, 1871. [Copyright, 1870]. Pp. xi+216. One of the "Canadian Series of School Books."

Part I., Preparatory knowledge: Chapter i., the farmer and his profession; ii., on the two kinds of substances with which the farmer has to do—organic and inorganic; iii., on the organic constituents of plants and animals; iv., the fifteen elementary substances; v., explanation of chemical terms; vi., definitions of the acids, bases and salts; vii., oxygen, hydrogen, nitrogen, carbon; viii., chlorine, sulphur, phosphorus; ix., metals—potassium and sodium; x., calcium and magnesium; xi., aluminum and silicon; xii., metals employed in the arts—iron and manganese; xiii., other useful metals—tin, copper, zinc, lead; xiv., the noble metals—mercury, silver, platinum, gold; xv., kinds of soils; xvi., structure of plants and offices of their organs. Part II., Preparatory knowledge applied: Chapter xvii., composition of soils and plants, and their relations to each other; xviii., soils adapted to different kinds of grain and vegetables; xix., how to conserve soils; xx., vegetable manures; xxi., animal manures; xxii., mixed manures; xxiii., inorganic or mineral manures—lime; xxiv., inorganic or mineral manures—marls, gypsum; xxv., ashes; xxvi., other inorganic or mineral manures; xxvii., amendments, irrigation, drainage, sub-soil ploughing; (no chapter xxviii.); xxix., rotation of crops; xxx., sowing, care and harvesting of grain crops; xxxi., leguminous crops; xxxii., roots or esculent plants; xxxiii., grasses, meadows, pastures; xxxiv., fruits; xxxv., plants used in arts and manufactures; xxxvi., economy of the farm; xxxvii., economy of the household; xxxviii., miscellaneous questions and answers relating to natural history. Index and explanation of terms.

As early as 1864 a text-book was published in Canada by Dr., now Sir, William Dawson. The revision of this work is mentioned below. There was another early Canadian work by Professor Henry Youle Hind.

E. M. PENDLETON, M.D., Professor of Agriculture and Horticulture in the University of Georgia. *Text-book of Scientific Agriculture: with practical deductions. Intended for the use of colleges, schools and private students.* A. S. Barnes & Co., New York. Copyright 1874. Pp. 419.

Part I., Anatomy and Physiology of Plants, comprising nine chapters. Part II., Agricultural Meteorology, comprising four chapters. Part III., Soils as Related to Physics, comprising seven chapters. Part IV., Chemistry of the Atmosphere, comprising four chapters. Part V., Chemistry of Plants, comprising ten chapters. Part VI., Chemistry of Soils, with nine chapters. Part VII., Fertilizers and Natural Manures, eight chapters. Part VIII., Animal Nutrition, three chapters. Appendix, with remarks on specific crops.

THOMAS P. JANES, Commissioner of Agriculture of the State of Georgia. *The Farmer's Scientific Manual.* Department of Agriculture, Atlanta, Ga., 1878. Pp. 168.

Chap. i., general chemistry; ii., plants: the structure and offices of their different parts; iii., chemical composition of plants; iv., plant fertilization; v., soil fertilization; vi., soils in their relation to vegetation; vii., fertilizers; viii., plants and their products as food for animals; ix., agricultural experiments; x., farm drainage; xi., irrigation; xii., meteorology in its relations to agriculture; xiii., entomology in its relations to agriculture. Appendix.

N. T. LUPTON, LL.D., Professor of Chemistry in Vanderbilt University, Nashville, Tennessee. *The Elementary Principles of Scientific Agriculture.* American Book Co., 1880. Pp. 107.

Chapter i., the development of scientific agriculture; ii., the origin, composition and classification of soils; iii., the composition of plants; iv., composition and properties of the atmosphere; v., the sources of plant-food and how obtained; vi., the improvement of soils; vii., the use of manures and fertilizers; viii., mineral fertilizers; ix., rotation of crops; x., the selection and care of live stock. Appendix. Questions.

R. S. THOMPSON. *Science in Farming. A text-book on the principles of agriculture, including a treatise on agricultural chemistry. Designed for use in schools, granges,*

*farmers' clubs and by farmers and their families.* Pub. by The Farmers' Advance, Springfield, O., 1882. Pp. 186.

Chapter i., science in farming; ii., science in its elements; iii., science in heat and energy; iv., chemistry; v., science in air; vi., science in soils; vii., science in plant growth; viii., science in animal life; ix., science in foods; x., science in feeding; xi., science in fertilizers.

EMERSON AND FLINT. *Manual of Agriculture.* A new edition, revised by Dr. Charles A. Goessman, Professor of Chemistry, Massachusetts Agricultural College. Orange Judd Co. Copyright 1885. Pp. 284.

Has the same chapters as the first edition, but the questions are omitted from the end of the volume.

F. A. GULLEY, Professor of Agriculture in Agricultural College of Mississippi, Starkville, Miss. *First Lessons in Agriculture.* Published by the author, 1887. Pp. 118.

Chapter i., composition of matter; ii., origin and formation of soils; iii., composition of the soil; iv., composition of the plant; v., plant food in the soil; vi., mechanical condition of the soil; vii., effect of water on the soil and crop; viii., farm drainage; ix., preparation of the land for the crop; x., how plants grow; xi., fertilization of the seed; xii., improvement of variety; xiii., cultivation of the crop; xiv., manures; xv., commercial fertilizers; xvi., care of manure—composting; xvii., rotation of crops; xviii., farm live stock; xix., diversified farming; xx., food and manure value of crops. Glossary.

JAMES MILLS, M.A., President Ontario Agricultural College, and THOMAS SHAW, Professor of Agriculture, Ontario Agricultural College. *The First Principles of Agriculture. Authorized by the Honorable the Minister of Education for use in the public schools of Ontario.* J. E. Bryant Co., Toronto, 1890. Pp. 250.

Chapter i., definitions and explanations; ii., the plant; iii., the soil; iv., tillage: introductory; v., tillage: the improvement of soils; vi., tillage: the preparation of the soil for the seed; vii., tillage: the rotation of crops; viii., the crops of the farm: their growth and management; ix., crops for soiling; x., the weeds of the farm; xi., diseases of crops; xii., insects; xiii., outlines of the principles of feeding; xiv., the feeding, care and management of horses, cattle, sheep and swine; xv., breeding; xvi., the breeds of live stock; xvii., dairying; xviii., the silo and ensilage; xix., the cultivation of forest trees for shade, ornament and protection.

I. O. WINSLOW, A.M. *The Principles of Agriculture for Common Schools.* American Book Co., 1891. Pp. 152.

Suggestions to teachers; Chapter i., the substances of the earth; ii., land and water; iii., the atmosphere; iv., plants; v., fertilizers; vi., cultivation; vii., animals. Glossary.

R. HEDGER WALLACE, late Lecturer and Examiner in Agriculture to the Education Department of Victoria and the Victorian Department of Agriculture. *Agriculture. Illustrated.* J. B. Lippincott Co., 1895. Pp. 352.

"This book has been written with the object of placing before the student and reader a simple statement of the principles of agriculture," etc. Chap. i., introduction; ii., the natural kingdom; iii., forms of matter; iv., atmospheric air; v., atmospheric air, continued; vi., water; vii., metals; viii., non-metals; ix., oxides and salts, acids and alkalies; x., carbon compounds; xi., the ash and volatile portion of plants; xii., soil-food of plants; xiii., seed—germination; xiv., growth—office of leaves; xv., growth—sap movements; xvi., blossoms and their functions; xvii., farm seeds; xviii., what are soils? xix., lava and peat soils; xx., humus and stones; xxi., properties of soils; xxii., conditions of fertility; xxiii., classification of soils; xxiv., some constituents of soils; xxv., soil physics; xxvi., what frost, water, and air do to rocks;

xxvii., removed soils; xxviii., formation of surface soil and sub-soil; xxix., soil chemistry; xxx., soil chemistry, continued; xxxi., cultivation—a means of enriching land; xxxii., cultivation—a means of cleaning the land; xxxiii., cultivation—a preparation for seed; xxxiv., cultivation—an aid to root development; xxxv., tillage; xxxvi., implements for working soils—ploughs; xxxvii., implements for working soils—cultivators, harrows, etc.; xxxviii., implements for sowing seed; xxxix., implements for interculture; xl., exhaustion and improvement of soils; xli., claying and sanding, paring and burning, marling, warping, etc.; xlii., drainage; xliii., drainage systems and methods; xliv., irrigation; xlv., manure; xlv., the character and preparation of farmyard manure; xlvii., composition and effect of farmyard manure; xlviii., food in relation to manure; xlix., other general manures; l., phosphatic manures; li., nitrogenous manures; lii., potash and other manures; liii., lime; liv., rotation of crops; lv., rotation for a light soil; lvi., rotation for a clay soil; lvii., rotation for loams; lviii., distinctive characteristics of crops; lvix., wheat and rye; lx, barley; lxi., oats; lxii., meadow-grass and meadow-hay; lxiii., grass seeds; lxiv., beans and peas; lxv., leguminous fodder crops—vetches, clovers, sainfoin, lucerne; lxvi., other fodder crops; lxvii., root crops—mangel-wurzel, turnip; lxviii., root crops—swede, potato; lxix., harvesting and other machinery; lxx., conclusion.

EDWARD B. VOORHEES, A.M., Director of the New Jersey Agricultural Experiment Stations and Professor of Agriculture in Rutgers College. *First Principles of Agriculture*. Silver, Burdette & Co., Boston, 1896. Pp. 212.

Chapter i., the constituents of plants; ii., origin and formation of soils; iii., composition of soils; iv., the improvement of soils; v., natural manures; vi., artificial and concentrated manures—nitrogenous materials; vii., artificial and concentrated manures—phosphates; viii., artificial and concentrated manures—super-phosphates and potash salts; ix., artificial manures or fertilizers—methods of buying, valuation, formulas; x., the rotation of crops; xi., the selection of seeds, farm crops and their classification, cereals, grasses, pastures, roots, tubers and market-garden crops; xii., the growth of animals, the constituents of animals and animal food, the character and composition of fodders and feeds; xiii., the digestibility of fodders and feeds, feeding standards, nutritive ratio, the exchange of farm products for concentrated feeds; xiv., principles of feeding, the pure breeds of farm stock; xv., the products of the dairy, their character and composition, dairy management. Tables.

SIR WILLIAM DAWSON, Late Principal of M'Gill University. *First Lessons in the Scientific Principles of Agriculture*. For schools and private instruction. New edition, revised and enlarged, with the permission of the author, by S. P. Robins, Principal of the M'Gill Normal School. W. Drysdale & Co., Montreal. Copyright 1897. Pp. 323.

Introduction: The Science of Agriculture. Chapter i., forms of matter; ii., heat; iii., chemical principles; iv., chemical processes; v., chemical properties of the elements and compounds most important in agriculture; vi., plants, their functions and structures; vii., organic compounds produced by plants; viii., the ashes of plants; ix., the atmospheric food of plants; x., the soil, origin and classification; xi., the relation of the soil to plants; xii., exhaustion of the soil; xiii., improvement of the soil by mechanical means; xiv., improvement of the soil by manures; xv., crops; xvi., soiling and silos.

CHARLES C. JAMES, Deputy Minister of Agriculture for Ontario, formerly Professor of Chemistry at the Ontario Agricultural College. *Agriculture*. George N. Morang, Toronto, 1898. Pp. 200.

Part I., The Plant: Chapter i., the seed; ii., the young plant; iii., the plant and water; iv., the plant and soil; v., the plant and air; vi., structure and growth of the plant; vii., naming and classification of plants. Part II., The Soil: Chapter viii., nature and origin of the soil; ix., tilling and draining the soil; x., improving the soil. Part III., The Crops of the Field: Chapter xi., the grasses; xii., the grain crops or

cereals; xiii., the leguminous plants; xiv., root crops and tubers; xv., various other crops; xvi., weeds; xvii., insects of the field; xviii., the diseases of plants; xix., rotation of crops. Part IV., The Garden, Orchard and Vineyard: Chapter xx., the garden; xxi., the apple orchard; xxii., other orchard trees; xxiii., insects of the orchard; xxiv., diseases of the orchard; xxv., the vineyard. Part V., Live Stock and Dairying: Chapter xxvi., horses; xxvii., cattle; xxviii., sheep; xxix., swine; xxx., poultry; xxxi., milk; xxxii., the products of milk; xxxiii., the structure of animals; xxxiv., foods of animals; xxxv., digestion and uses of foods. Part VI., Other Subjects: Chapter xxxvi., bees; xxxvii., birds; xxxviii., forestry; xxxix., roads; xl., the rural home. Appendix: list of trees; list of weeds; spraying mixtures.

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EDITOR'S NOTE.—In order to complete this bibliography, we add the syllabus of Professor Bailey's book. It presents the subject wholly from the agricultural point of view. Chemistry, as chemistry, is not discussed.

L. H. BAILEY, Professor of Horticulture in the Cornell University. *The Principles of Agriculture: A text-book for schools and rural societies.* The Macmillan Co., New York, 1898. Pp. 300.

Introduction: What Agriculture is. Part I., The Soil: Chapter i., the contents of the soil; ii., the texture of the soil; iii., the moisture in the soil; iv., the tillage of the soil; v., enriching the soil—farm resources; vi., enriching the soil—commercial resources. Part II., The Plant, and Crops: Chapter vii., the offices of the plant; viii., how the plant lives; ix., the propagation of plants; x., preparation of land for the seed; xi., subsequent care of the plant; xii., pastures, meadows and forage. Part III., The Animals, and Stock: Chapter xiii., the offices of the animal; xiv., how the animal lives; xv., the feeding of the animal, xvi., the management of stock. Glossary.

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#### THE AMERICAN HISTORICAL ASSOCIATION.

DURING the Christmas holidays the American Historical Association held at New Haven the largest, most interesting and most stimulating of the fourteen meetings of that body. Well-planned sessions, men of high reputation to read papers, and large attendance of members and townsfolk, all showed the importance of the meeting; and at the same time the new investigations and administrative functions which the Association undertook are an evidence that it has become an intellectual factor of national significance.

The organization of this Association, which now numbers 1,200 members, dates back to a meeting at Saratoga in September, 1884, in which the leaders were President Andrew D. White, of Cornell, General Francis A. Walker, Justin Winsor, Charles Kendall Adams, and H. B. Adams of Johns Hopkins. The number of attendants was but forty, and they presented only half a dozen papers, some by historical writers of large reputation like President White and Mr. Winsor, some extracts or abstracts from doctors' theses, and some conclusions from the investigations of young college instructors, followed by discussion. Within a year the number of members had risen to 250 and the Association was thus firmly established. From the beginning the leading spirits in the organization have been two permanent officials first chosen at Saratoga: the Secretary, Professor H. B. Adams, of Johns Hopkins University, and the Treasurer, Dr. Clarence W. Bowen, of New York.



For five or six years the functions of the Association were confined to two: the holding of an annual meeting, and the publishing of an annual volume containing the proceedings and elaborate monographs. One more meeting was held in Saratoga in 1885, but in 1886 the Association met at Washington, in 1887 in Boston and Cambridge, in 1888 again in Washington, the date then being changed from the spring to the Christmas holidays, which, with one exception, has ever since been the regular time for the meeting. The Association was now firmly established as one of the learned societies of the land. At the end of 1888 it had over 500 members, including about 100 life members; it had paid for its publications and the Treasurer had accumulated, chiefly from life-memberships, a fund of \$3,500. The officers and friends of the Association now asked Congress to recognize the national character of the institution by giving it a special government charter. By the efforts of Senator Hoar and Mr. Phelan, member of the House from Tennessee, there was obtained an act of incorporation, which is almost unique in the Federal Statute Book; for while it creates an intellectual corporation on a national basis, the actual connection with the government is confined to three points: the right of the Association to hold property in the District of Columbia; the location of "the principal office" in Washington, and the privilege of sending an annual report to the Smithsonian Institution, which may cause it to be published as one of the Congressional documents.

A practical, though not a legal, consequence of this act was that the annual meetings were regularly appointed in Washington from 1889 to 1895, except when the Chicago Fair came in to disturb the activity of the Association. It was resolved to concentrate the interest which would ordinarily go to the annual meetings of 1892 and 1893 by holding in place of them a great meeting at the World's Historical Congress, at Chicago, in July, 1893. A good programme was prepared, eminent men came to read papers; but the meeting was completely overshadowed by the great exhibition, and was almost a failure. A proposed meeting at Saratoga, in 1894, had also to be abandoned for want of interest, and the Association, in the holidays of 1894, resumed its Washington meeting.

The form and character of the Society's publications had now undergone a change. For the five years, 1885-90, it kept up, at its own expense, an annual volume of "Papers," which included an account of the proceedings and various contributions submitted for the imprint of the Association, especially the elaborate monographs of Professor Knight on *Federal Land Grants for Education*, Miss Salmon's *Appointing Power*, Jameson's *Willem Usselinx*, Dr. Schaff's *Church and State in the United States*, Goode's *Origin of the National, Scientific and Educational Institutions of the United States*, together with several important bibliographies. The later volumes of the series ran to reprints of short papers which had been read at meetings, many of them by inconspicuous men, and no longer included the valuable monographs of the earlier issues. After the government charter was obtained a new form of publication was adopted—an annual report made by the Secretary to the Regents of the Smithsonian Institution, and by them sent to the Secretary of the Interior, to be printed and distributed to members, and also to the public. These reports have been issued in every year, beginning in 1889, usually appearing about fourteen months after the annual meeting, of which they contain an account, together with many of the brief papers. The only elaborate publications in these reports up to 1896 have been bibliographies, especially the very serviceable list of the historical societies of the United States and Canada prepared by Mr. Griffin.

Meanwhile, perhaps because the government had relieved the Society of some of its responsibility, the membership fell off from about 700 to about 600, and interest in the annual meetings lagged. At the session of 1895, in Washington, only forty or fifty members were present—not half as many as seven years earlier—and a painful moment came when at the hour for opening a meeting a young gentleman appeared to read a paper in accordance with the programme and found but seven persons in the house. Apparently some new course was necessary, and at that meeting were laid the foundations for a broader and more national development of the Association, by holding sessions in a succession of large cities, so as to enlist public interest; by changing the character of the programmes; by giving greater opportunities for social converse; and by adding new intellectual activities. Hence, under the guidance of the Council, the Association voted to hold the next meeting in New York. An earlier attempt had been made to persuade Congress to establish a National Manuscripts Commission; failing in this, the Council determined to found such a commission in behalf of the Association, with instructions to collect unpublished papers of public men wherever found, and to prepare them for publication as a part of the annual report. At the same time a prize was established to be given to the writer of the best monograph of the year.

At the New York meeting of 1896 the Association quickly responded to the activity of its officers. The opportunity of appearing in such an association to read a brief paper, later to be printed, had been much enjoyed by the younger members, and had given pleasant impressions to the elders, but it was now felt that the way to make meetings attractive was to call out the best known members; and the programme committee adopted a policy of putting several papers which bore on a common subject into the same session and thus of reviving that discussion which had been so agreeable a part of the early meetings. The New York people also improved the social features of the meeting by providing a place of common social meeting and by holding a delightful subscription breakfast.

In an association so large, meeting so infrequently, the motive force must be in the permanent Council, which consisted in 1896 of the officers of the year, four elective Councillors, and such of the ex-Presidents as chose to attend. That body proceeded in the path which it had marked out for itself the year previous, by receiving from the Historical Manuscripts Commission a valuable report, which was printed in the next annual report; and the prize was awarded to an essay, which was also published in the report for 1896. In addition, two new activities were created: The Church History Society, which for some years had existed as a separate organization, usually holding its meetings at the same time and place as the larger Association, now agreed to add its weight and its members by organizing as a section of the general body; and the Council founded a Committee of Seven, primarily to investigate the question of College entrance requirements in history, but also to take into account proper courses in history in the schools.

For some time there had been complaint from the numerous Western members that it was unfair to expect them year after year to take the time and money necessary for a journey to the East. In December, 1897, therefore, the Association held in Cleveland a meeting both interesting and well attended. The programme proceeded on the same lines as that of the New York meeting, and included reports from several of the committees and commissions appointed by the Association, especially the Committee of Seven. The social side of the annual conference was more agreeable than at any previous meeting; three large and hospitable receptions were offered by Cleveland house-

holds; the Association was entertained at lunch by Western Reserve University, and there was also held an entertaining breakfast, enlivened by brief and crisp speeches.

The meeting of 1898, at New Haven, went still further in the direction of the two previous meetings. As in several previous years, the sessions were held simultaneously with those of the American Economic Association, thus ensuring a large attendance at New Haven from out of town—upwards of 150 in all; and the people of the city aided to make up audiences of from 300 to 500. Besides the pedagogic and technical side of the reports to the Association, there were interesting discussions on subjects of most lively interest, particularly on the constitutional difficulties of colonization.

Again the Council came forward with a list of new activities. The prize was revived under the appropriate name of the Justin Winsor Prize, and a committee was appointed to administer it. A new bibliographical committee composed of librarians was appointed, for many heads of libraries have from the first shown special interest in the kindred work of the Association and will be glad to cooperate in the task of making the materials of American history available. A third committee was constituted to investigate historically the question of the methods of colonization employed by other countries, and especially by England, whose problems have been so much like those which appear to be coming before the American people.

Perhaps the most important work of the meeting was the ratifying of an agreement drafted by the Council on one side, and upon the other by the editors of the *American Historical Review*. That periodical was founded in 1895, upon a three-year guarantee fund, which produced in all about \$10,000, and the function of the editors was so closely akin to the work of the American Historical Association that it was natural to think of bringing them together. On the other hand, the publishing responsibilities of the Association were already large, and the Treasurer was justly unwilling to hazard his accumulated funds for any new enterprise. Accordingly the Association resolved, without an opposing vote, that it would subscribe for the *Review* for each of its living members, without assuming any other financial responsibility; and that, on the other hand, as vacancies occurred in the Board of Editors they should be filled by the vote of the Council of the Association; the whole arrangement to be terminable on one year's notice, whenever desired by the editors or the Association. Armed with this substantial subscription list the editors are able to make a very satisfactory arrangement with the publishers, and the result is that the *Review* will be continued on the same lines as before and in much the same hands. It does not become the organ of the Association, and is subject to no instructions, except through the process of replacing editors who may fail to satisfy the Council of the Association, as their terms expire.

The next meeting of the Association will be held in December, 1899, in Boston and Cambridge, and a programme committee and a local committee are already at work. Meanwhile the Association is now carrying on the following historical activities:

(1) An annual meeting of three days, held in the Christmas holidays, a new President being chosen each year. It has been decided that these meetings shall be held in an Eastern city, a Western city and Washington, in triennial succession.

(2) The publication of an annual report (which includes the report of the Historical Manuscripts Commission), edited by the Secretary of the Association, and printed through the Smithsonian Institution.

(3) The Historical Manuscripts Commission of five members under the chairmanship of Professor Jameson. To this Commission was added at New Haven Mr. Herbert Friedenwald, who is in charge of the Department of Manuscripts in the Congress-

sional Library, and can thus establish the needed relation between the historical stores of the government and those of individuals.

(4) The Justin Winsor Prize, to be assigned to the best monograph of each year by a committee of which Professor F. J. Turner is chairman.

(5) The Committee of Seven under the chairmanship of A. C. McLaughlin. This committee has made two interim reports and has arranged to publish its final report in the spring of 1899 through a publisher.

(6) The Commission on the History of Colonial Dependencies, of which Professor H. E. Bourne is chairman, and which is expected to report at the next annual meeting.

(7) The Bibliographical Committee, W. E. Foster, chairman.

(8) The appointment of editors for the *American Historical Review*, of which Professor George B. Adams is chairman.

(9) The new General Committee, Professor H. B. Adams, chairman; the members of which are intended to serve as centers of historical information in their own State and cities.

10. The Church History Section, of which Dr. Samuel Macaulay Jackson is secretary.

From the above sketch of the history and the present activities of the American Historical Association, it may be seen that no branch of learning in the United States has a better organization and concentration of effort. The plan of the Association is to distribute its work as widely as possible among committees and commissions, one member of each committee to be also a member of the Council or in close touch with it, so that the elective Council may serve as a clearing house for all the Association's undertakings. The membership is now rapidly increasing, as might be expected in consideration of the valuable publications and opportunities offered to members, and the low fees required of them, and the accumulated funds are \$12,000, well invested. The members may look back with satisfaction, and forward with cheerfulness, to the work of the American Historical Association.

ALBERT BUSHNELL HART.

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## THE REPORT OF THE COMMITTEE OF SEVEN, ON HISTORY IN THE SCHOOLS.

THE American Historical Association, at a meeting in New York, two years ago, appointed a committee of its members to prepare a report on the subject of history in secondary schools, and to make suggestions and recommendations concerning college entrance requirements in history. The committee was composed of H. B. Adams, of Johns Hopkins; George L. Fox, of the Hopkins Grammar School, New Haven; A. B. Hart, of Harvard; Charles H. Haskins, University of Wisconsin; A. C. McLaughlin, University of Michigan; Lucy M. Salmon, Vassar; H. Morse Stephens, Cornell. Recognizing the fact that there were no generally accepted judgments as to the value of historical study or as to the place which history should occupy in the curriculum, the committee entered upon a systematic investigation of the field of historical instruction, seeking to find out how much history was taught, what methods were used, and, in general, what were the prevailing conditions. It sought also to discover what was the prevailing sentiment as well as the common practice, and, moreover, to ascertain what was the spirit and tendency of the time, the ideals and hopes of the energetic intelligent

teachers. Without a knowledge of the present situation the committee could not speak or act with assurance, but it rightly thought that it is of more value to know how one successful teacher achieves his object than how twenty unsuccessful teachers do not, and that it is more desirable to know what practical experienced teachers, who have given thought and enthusiasm to the subject, believe can be done and should be done than to know the static condition of twenty others who are content with the semi-success or failure of the present. With these ends, in view circulars were sent to several hundred schools that were considered representative or typical. The answers to these circulars disclosed the general condition of history as a secondary subject and gave some indication also of the purposes and strivings of progressive teachers and superintendents. But returns from printed circulars are at the best unsatisfactory and uncommunicative, and in consequence the committee sought by other means to discover what the schools were doing and what the schoolmen were thinking about and seeking to accomplish. Use was made of the educational associations and conferences, where discussions were held at various times on some of the problems with which the committee was struggling. In this way, and especially, perhaps, by personal consultation with experienced teachers, the committee acquired knowledge of the prevailing sentiment and the present tendency and is thus enabled to speak with some little assurance in its final report. While only one of the members of the committee is at present a secondary teacher, several of its members have taught for a time in secondary schools, and have, therefore, some immediate knowledge of the limitations and capacities of the average pupil and the burdens of the average teacher; moreover, the patient effort to ascertain facts seems to demonstrate that the report cannot justly be considered as embodying merely the theoretical aspirations of college professors who are intent upon magnifying their office and exalting their vocation.

The report of the committee as finally prepared will form a substantial monograph on the whole subject of history in the schools. The first part, constituting about one-half of the whole, is, in large measure, not so much a report to the Historical Association as a general treatment of the subject for the benefit of practical teachers and schoolmen. One of its chief objects is to offer helpful suggestions as to purposes and methods of historical work. It contains a discussion of the value of historical study; the correlation of history with other subjects; the division of the field of history into four blocks or periods; the manner of successfully treating these periods; methods of teaching history; the training of teachers; recommendations as to college entrance requirements. The second part contains a number of special contributions. One is a report on history in the German gymnasias, by Miss Salmon, who spent several months in Germany on behalf of the committee, with the sole purpose of seeing how history is taught in the land of pedagogical theories. This second portion also contains statements of the present condition of English, French, and Canadian schools, a suggested curriculum for the elementary schools and the grades below the high school—an extensive bibliography on the study and teaching of history.

The patient work bestowed upon this report gives it permanent value; it is likely to prove stimulating to teachers and suggestive to superintendents and principals, who are oppressed with the problems involved in the organization of the curriculum. The interest shown in the work of the committee at the recent historical meeting at New Haven, where a large part of the report of the committee was read and discussed, may be looked upon as faithful earnest of the general interest on the part of teachers when the whole report is published.

## AMONG THE COLLEGES.\*

PROFESSOR JOHN DEWEY, of the University of Chicago, has been elected President of the American Psychological Association.

PRESIDENT WARFIELD has announced a gift of \$10,000 to Lafayette College. It is also reported that a gift of \$50,000 has been made for the Chemical Laboratory.

DR. SCOTT OWEN, Professor of Anatomy in the College of Medicine at Syracuse University, died of pneumonia at his home on Monday, January 2d.

MR. CHARLES A. KEFFER, of the Division of Forestry at Washington, has just been appointed to the Chair of Agriculture and Horticulture at New Mexico Agricultural College.

PROFESSOR R. S. WOODWARD, of Columbia University, has been elected President of the American Mathematical Society in succession to Professor Simon Newcomb.

PROFESSOR B. K. EMERSON, of Amherst College, has been elected President of the American Geological Society in succession to Professor J. J. Stevenson, whose address on "Our Society" is published in the present number of *Science*.

MR. H. O. ARMOUR has given \$20,000 to Whitworth College, a Presbyterian institution at Sumner, Wash. The sum of \$75,000 has been collected for Arcadia University, a Baptist institution at Wolfeville, N. S., \$15,000 having been given by Mr. John D. Rockefeller.

\*In order to make this section of BOOK REVIEWS as complete as possible, the editor asks for the coöperation of college authorities. Properly authenticated news will be printed of all changes in college faculties, changes in instructorships and important college news.

DR. THOMAS EGGLESTON, Emeritus Professor of Mineralogy and Metallurgy in Columbia University, has presented to the University his library and mineralogical collection. The former is especially rich in serials; the latter contains about 5,000 valuable specimens.

A COLLECTION of works of Southern literature since the war has just been presented to the historical department of the Johns Hopkins University by Dr. Herbert B. Adams, Professor of History.

The gift contains nearly every work of Southern novelists written since the war.

MR. C. W. EDWARDS, a graduate of Trinity College, Durham, N. C., who studied at Tulane and Columbia, has been elected Acting Assistant Professor of French and German. Mr. W. F. Gill, another Alumnus of the College, who studied at Hopkins, has been elected Assistant in Greek.

MR. J. LARMOR has been elected President of the Cambridge Philosophical Society. The Vice-Presidents are Mr. F. Darwin, Professor Forsyth and Dr. Gaskell, and members of the Council: Mr. H. Gadow, Mr. D. Sharpe and Professor J. J. Thompson, Mr. A. Berry and Mr. Wilberforce.

C. G. OSGOOD, '94, has been appointed Instructor in Freshman English at Yale. Professor Irving Fisher's classes during his absence will be taken by his assistants, J. M. Gaines and W. B. Bailey, and Mr. M. H. Robinson, of the graduate department, which thus shows its value in supplying Yale instructors for emergencies.

THE Professorship of History and Political Science in Carleton College, Minn., held since 1883, by C. H. Cooper, has be-

come vacant through the election of Professor Cooper to the Presidency of the State Normal School, at Mankato, the largest of the Minnesota Normal Schools. George H. Alden, Ph.D., of Cornell College, Iowa, has received the appointment.

At the twenty-seventh convocation of the University of Chicago, on January 4th, President Harper announced two gifts of land, one by Mr. N. A. Ryerson, valued at \$34,000, and one by Marshall Field, valued at \$135,000. A gymnasium will be erected on the latter site. The enrollment of the University is 1,621, an increase of 450 over last year.

THE new catalogue of the University of Pennsylvania, about to be issued, will show that there are 258 officers and 2,790 students, of whom 1,337 are in the Departments of Medicine and Dentistry. There are in the School of Arts 365, in the Towne Scientific School 284 and in the Department of Philosophy 158 students.

REV. DR. GEORGE E. MERRILL, of Newton, formerly pastor of the First Baptist Church, Springfield, was chosen yesterday as President of Colgate University, Hamilton, N. J., at the semi-annual meeting of the trustees held in New York. Dr. Merrill is a graduate of Harvard University and of the Newton Theological Seminary.

PROFESSOR G. W. FARLOW, of Harvard University, has been elected President of the American Society of Naturalists. Professor H. C. Bumpus, of Brown University, to whom the recent growth and successful meetings of the Society have been in large measure due, has resigned the Secretaryship and is succeeded by Professor T. H. Morgan, of Bryn Mawr College.

It was announced in Princeton recently that Mr. Charles Scribner, Jr., of New

York, had founded a Fellowship in English Literature in Princeton University. It will yield \$500 per year. It is open to competition for all seniors who have been in college two academic years and have the other general requirements for all fellowships.

THERE seem to be difficulties in arranging for the accommodation of the University of London, in the buildings of the Imperial Institute. In the meanwhile the Council of University College have notified the Statutory Commission that they are prepared to consider placing the land, buildings and endowments of the College at the complete disposal of the Commission.

E. OTIS KENDALL, Ex-Professor of Mathematics and Astronomy, at the University of Pennsylvania, and for years one of the foremost educators of the country, died last month at the age of eighty-two years. Professor Kendall was for a number of years Vice-President of the University and Dean of the College Faculty. He was connected with many of the educational societies of the country, and for many years was Vice-President of the American Philosophical Society.

THE will of the late Mrs. Caroline L. Macy, who founded the Macy Memorial Art School, was filed for probate in the Surrogate's Office to-day. A petition for the admission of the will to probate places the value of the personal property left by the testatrix at \$1,500,000 and the real estate in this State at \$50,000. Mrs. Macy bequeathed to the New York Teachers' College \$200,000, the income from that amount to be used for paying the salaries of the teachers of the school. To the Presbyterian Hospital was bequeathed \$5,000, to establish a bed in memory of the testatrix's daughter, Mary M. K. Willets.

THE alumni of Harvard College, by a vote of 2,782 to 1,481, have reversed their previous vote extending the franchise in voting for overseers of the University to the graduates of all the schools. President Eliot and most members of the faculty who are alumni voted with the minority. The annual catalogue of Harvard University records 411 officers and 4,660 students, an increase of 7 officers and 84 students over last year. These figures include the Summer School, but not Radcliffe College, the enrollment of which is 411 students. There are 1,851 students in the College and 560 in the Medical School.

It is announced that the competitive examinations for the fellowships of the American School of Classical Studies at Athens will be held this year on March 16th, 17th and 18th. Candidates are to enter their names on or before February 1st with Professor B. I. Wheeler (Ithaca, N. Y.), Chairman of Fellowship Committee, from whom all information as to place, subjects, etc., may be obtained. These fellowships yield \$600 each. The Hoppin Fellowship, open to women only, yields \$1,000, and is assigned without examination, preference being given, however, to such persons as have already held a regular competitive fellowship.

DR. EUGEN DUBOIS has been called to a Professorship in Geology in the University of Amsterdam. Dr. Kippenberger has been appointed Professor of Chemistry in the University of Breslau. Dr. Wagner has qualified as docent in Physical Chemistry in the University of Leipzig and Dr. Weinschenk in Mineralogy and Geology in the Polytechnic Institute at Munich. In the University of Paris, M. Vidal de la Blache has been appointed Professor of Geography and M. Seailles has been made Professor of Philosophy. M. Lacour has been made Associate Pro-

fessor in the Faculty of Science at Nancy. In University College, London, Mr. W. G. Savage has been appointed as Assistant in the Department of Bacteriology and Mr. G. Bertram Hunt, M.D., has been appointed Assistant in the Department of Pathological Histology.

THE experiment of the University of Chicago in establishing a down-town college, and arranging its courses at such times as would suit the convenience of the teachers of the city and others who could not enter the regular classes at the University, has met with a success beyond the expectations of the warmest friends of the movement. The determination of the University to admit without examination all teachers who are graduates of the Chicago High Schools, or an equivalent course, and the lowering of the fees to them, has helped both the University and the public. At the opening of the College few thought that the enrollment would be more than 100 or 150, but there are already 286 matriculants, nearly all teachers, and about 150 schools are represented. All the classes begun in October will continue until the first of April, and new classes will begin with the present month.

MR. W. C. McDONALD's benefactions to the McGill University, Montreal, have often been the subjects of notes in these columns, and last we recorded that he had received the honor of a knighthood in recognition of his gifts to philanthropical and educational objects in Canada. Mr. McDonald's princely gifts to the McGill University include \$20,000 to the Workman Endowment for Mechanical Engineering; the erection of the W. C. McDonald Engineering Building, valued, with its equipment, at \$350,000, and an endowment for its maintenance; the endowment of the Chair of Electrical Engineering with the sum of \$40,000; the



erection and endowment of the Physics Building, valued at \$300,000, and two Chairs of Physics with endowments amounting to \$90,000; the endowment of the Faculty of Law with \$150,000; the endowment and equipment of the Chair of Architecture; a further sum of \$150,000 for the maintenance of the Engineering Building; \$50,000 towards the endowment of the Pension Fund; and the erection of a new building for the Department of Chemistry, Mining and Agriculture, at a cost of \$500,000, making the total amount contributed to the institution upwards of \$1,600,000.

THE following gifts to educational institutions in the United States are announced in *Science*: The Lawrence Scientific School, Harvard University, has received \$10,000 from Mr. J. H. Jennings, for the establishment of a scholarship. Mr. James Stillman, of New York, has given \$50,000 to Harvard College to cover the cost of land and buildings for a projected Harvard Infirmary, which will bear the name of the donor. In addition, Mr. Stillman will contribute \$2,500 annually for four years. The will of the late Charles P. Wilder, of Wellesley Hills, bequeaths \$102,000 to Mount Holyoke College, and the trustees of Wellesley College announce a gift of \$50,000 made by Mr. Wilder before his death. No conditions are attached to the gift. The Catholic University of Washington has received the information that by the will of Daniel T. Leahy, of Brooklyn, it receives \$10,000. The University of Cincinnati has been presented by Mr. William A. Proctor with the library of Mr. Robert Clarke, containing 6,704 volumes valued at over \$50,000. A fund of \$100,000 is being raised by the trustees and friends of Oberlin, the income from from which is to be applied to the reduction of the term bills of needy students.

About one-tenth of this amount has already been collected.

*Harper's Weekly* has called attention to a conference of faculty advisers and other friends of amateur sport for the consideration of various suggestions which have been made looking towards the maintenance of a higher standard. Many minor questions of eligibility, conflicting rules and the like will come up, but Mr. Caspar Whitney, who, in *Harper's Weekly*, has long advocated reform in college athletics, holds that "the imperative need to wholesome life in college sport is unflinching and impartial revision of the regulations that permit of the following abuses: (1) Misappropriation for athletic purposes of the scholarships for 'indigent students'; (2) illegitimate recruiting of athletes; (3) practice with professional teams—in baseball, for example; (4) preliminary training or practice; (5) indifference to scholarship standard for athletes; (6) undergraduate speculation in football tickets." That there is crying need of such reform appears clearly enough from Mr. Whitney's statements that he often receives letters from the Middle West "calling attention to Western athletes who, by agents, sometimes unofficial, at other times avowedly official, have been lured to Eastern institutions by promises, moving though mysterious, and variously outraging the ethics of amateur sport;" and that "it is a fact beyond dispute that illegitimate means of recruiting are employed, and that under the guise of 'indigent students' men have been permitted to enter, and, indeed, on occasions have been maintained, because of their ability in football, in baseball or in track athletics." This authority holds that "only a very few institutions" in the East are now guilty of this sort of thing; but so long as there is one, reform is imperatively needed.—*New York Evening Post*.

THE number of students shows a slight increase over last year, 619 as against 601.

**Vassar.** Professor Bracq, of the Department of French, has been giving during the first semester the course of lectures on Contemporary French Literature, which he delivered last winter before the Lowell Institute. The ten lectures covered very completely the various lines of literary activity in France at the present, discussing the development, characteristics and relative importance of each. The influence of theory upon certain phases of French literature was emphasized. The subjects included were Philosophy, Criticism, History, Eloquence, Poetry, the Drama and Fiction, with three introductory lectures on the Natural, Intellectual and Ethical Inheritance and Development of the Modern Frenchman. It is not easy for any people to form a just and unbiassed conception of a foreign literature—its tendencies, its ideals, its mission, but the combination, in Professor Bracq, of the Gallic nature with Anglo-Saxon residence and experience has enabled him to present in a sense both sides at once.

Professor Moon, of the Latin Department, has given six lectures in connection with the latin reading of the Freshman year. He has treated with some detail the history of Livy in regard to its historical purpose, method and value looking towards the comparison with modern history and awakening of a deeper interest of the relations of Rome to modern ideas and life.

THE recent action of Washington and Lee University in founding a School of Washington Political Economy and Science and Lee. ence, and the steps taken by various colleges to provide free scholarships for worthy young Cubans, are timely reminders of the part our universities and colleges can play in helping to solve the grave questions with which

the expansion policy has confronted us. Hitherto the charge has been brought with considerable truth against our institutions of learning that beyond the general training in the sciences and humanities nothing has been done by them to prepare their students for the duties of citizenship. At Harvard to-day only two courses relate to the machinery of our governments, State and Federal, and nowhere is there, we believe, a professor who devotes all his time to American political methods. Now that even under our military occupation a demand for able and trained administrators has arisen, prompt establishment in our leading universities of chairs and schools of government, which shall deal with the lessons and teachings of American experience at home, and of English and French failures and success in India, Egypt and Algeria, would do much towards stimulating and enlightening public opinion. Even the most fiery annexationist cannot deny that it is our plain duty to give to our wards a better kind of government than the machine brand, and if our colleges will but turn out at least theoretically trained men they will deprive the politicians of one familiar excuse for the appointment of political favorites and failures in life. There could be no better chance for the various faculties to show how carefully they watch the public needs, and their readiness to perform a national service of a high order.—*New York Evening Post.*

THE University of Tennessee has just completed a large and thoroughly equipped Tennessee. mechanical building, which is doubtless one of the finest in the Southern States. It contains provisions for all departments of iron and wood working, pattern-making and founding, the testing of materials, and complete electrical equipment. No expense has been spared to make this a perfect laboratory for the most thorough

study of mechanical and electrical engineering. A new chair of American History, under the direction of Dr. George Frederick Mellen, has been initiated. Professor Henry J. Darnall, recently from the University of Leipzig, has been appointed to the Chair of Modern Language. A complete course of Spanish language and literature has been added, which is being largely attended. Over fifty women students have been enrolled and are doing admirable work. One of the buildings has been remodeled and equipped for their use, for the first time permitting the young women in attendance at the University to have rooms on the campus. Hitherto it has been necessary for them to find accommodations outside the grounds of the institution. Mrs. Charles A. Perkins, formerly of Bryn Mawr and Wellesley, has been appointed Dean of the Woman's Department. A new system of dormitory government has been adopted, the buildings now being assigned to the various Fraternity Chapters and other clubs in the University, which are subject, of course, to the guidance of the University authorities. These organizations are self-regulating, and are made responsible for good order within their various buildings. The plan is proving a great success, permitting as it does a natural and congenial grouping of the students.

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THE winter term's enrollment at Indiana University shows the usual increase in attendance. The steady growth of the last few years is doubtless due, more than to any other one cause, at least, to the system of studies. The system, although no longer new, is new enough to call for a word of explanation. A student's undergraduate work falls into three divisions: the major subject, required work, and electives. There are no courses corresponding strictly to the old "classical, literary, philosophical and scientific," but each of the fifteen depart-

ments offers a four years' course of its own. In order to graduate a student must elect the work of some department as his major subject, and this work takes up a third of his time. Something more than a third goes to required courses: mathematics, English, some science involving laboratory work, one year each; languages, two years. The rest of the time is devoted to electives. The arrangement has proved to be practical. It allows a large freedom in respect of elective work (for the major subject is a matter of the student's own choosing), and at the same time provides at least a reasonable amount of the work that belongs in any liberal education. The University, one of the oldest in the West, was established January 20, 1820. The annual celebration of this Foundation Day is one of the features of the winter term. The usual exercises are suspended; the morning is given to addresses, and in the evening the students present a play. The principal addresses this year were by President Adams, of the University of Wisconsin, and ex-Congressman Cooper, who represented the alumni. Two years ago the "student play" was: "She Stoops to Conquer;" last year, "Much Ado About Nothing;" and this year, as artistic anticlimax indeed, though no less ambitious effort, an original comedy, "Love's a Va-grant."

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ONE of the educational events of the year in America took place unobtrusively at the meeting of the trustees of Columbia University last month. This was the adoption of the resolution converting the Law School into a graduate department of the University, by limiting admission to the school to college graduates. This change, the fruition of many years of self-denying labor on the part of the faculty, is to take effect in the fall of 1903, and is properly regarded as completing the development which was begun by Deen Keener and his

associates in 1891. That the Columbia Law School is ripe for this forward movement is evinced by the steady growth of the graduate element in the student body during the last five years, the percentage of college graduates having increased from 42 per cent. in 1893 to 62 per cent. in 1898. It is the confident belief of the faculty of the school, as well as of the trustees, that the superior attractiveness of a school open only to college graduates, and capable, therefore, of doing the highest grade of work, will more than counterbalance the loss of the diminishing percentage of non-graduate students. That the school will, with these increased advantages, become a more important factor than ever in the development of legal education and the elevation of its standards is too clear for argument.

The faculty has just been strengthened by the addition of John W. Houston, of the firm of Cravath & Houston, and a considerable extension of the work of the school is in contemplation. A feature of instruction new to law schools will be the offering of a course relating to office work and practice, and among the other new courses being arranged is one in bankruptcy. Scholarships have been established in the Law School, some of which will be open to men entering the first-year class in the fall. These scholarships will be conferred on college graduates, and will be awarded on the basis of need and ability.

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PROFESSOR ROBERT B. OWENS, for six years in charge of the department of Electrical Engineering in the Nebraska University of Nebraska, resigned late in the summer to accept a similar position in McGill University. Mr. Morgan Brooks, a practical electrician of large experience, graduate of Brown and of Stevens Institute, late President of the Minneapolis Electrical Supply and Construction Company, has been put in

charge of the department, with the rank of Assistant Professor. Mr. G. H. Morse, University of Minnesota '93, has been made instructor, *vice* Dr. W. H. Browne, Jr., who has gone, as Assistant Professor of Electrical Engineering, to the University of Illinois. Richard E. Chandler, Adjunct Professor of Mechanical Drawing and Machine Design, has resigned to accept a professorship of Mechanical Engineering in Oklahoma Agricultural College, at Stillwater. No successor to this work has yet been named. Adjunct Professor Percy H. Burnet, one of the assistants in the department of German, on leave of absence since April, is completing studies with reference to the degree of Ph.D. at the University of Chicago. Dr. H. C. Peterson, for the last two years instructor in the department of English Literature, has been transferred to German, and is carrying Professor Burnet's work. Mr. W. J. Wyer, Jr., late Assistant in the State Library at Albany, has been appointed Acting Librarian, in place of Mr. John D. Epes, who resigned in June.

Among other important changes in effect this year are the promotion of Associate Professor C. F. Ansley to a full professorship of English Language, and the appointment of Mrs. Emma P. Wilson, A.M., to be Lecturer in English Literature; and Dean of women. The increase in the relative proportion of women—last year 872 out of a total attendance of 1,915, made this step imperative. Dean Wilson is an alumna of the University, a lady of large influence and culture, and connected prominently since graduation with the educational and social life of the city and the State.

The attendance for the first semester exceeds by thirteen per cent. the totals for last year. There is continued increase in registration for the higher work of the University, as of the Colleges. Last year the enrollment in the Graduate School was

143, of which number forty received the degree of A.M., and two of Ph.D. The attendance in the College of Law shows a marked increase over previous years.

THE first week of the new year has to chronicle the death (on January 6th) of **Pennsylvania**. Professor Ezra Otis Kendall, Honorable Vice-Provost, Honorable Dean of the Faculty, and Thomas A. Scott, Professor of Mathematics.

Among the recent developments on the material side of the University the reorganization of the Library is prominent. The new Library Committee has authorized the equipment of a Reference Reading Room on the first floor, where not only members of the University, but also the general public, can have access to the books from 8:30 a. m. to 6 p. m., and in a short time to 10 p. m. Among the recent acquisitions to the Library are the Catalogue of the British Museum and a collection of about 600 monographs relating to the Slavery Question.

On Monday, January 9th, Dr. E. C. Richardson, the Librarian of Princeton University, delivered, in the Library, before the Pennsylvania Library Club, a discourse on "College and University Libraries." Dr. Richardson made a plea for the more liberal administration of Libraries in the interest of the special investigator and for a more generous equipment in the way of books, claiming that 500,000 volumes was a fairly average number of books for the Library of an American University.

New courses of lectures before the Law School have been announced for March, as follows:

Dr. Talcott Williams, of the *Philadelphia Press*, will give three lectures on "International Law," treating particularly the questions that are now of most vital interest in our national relations. Hon. Edward Ambler Armstrong will give one lec-

ture on the "Early History of the Courts of New Jersey."

The Commemoration Address, on the 22d of February, will be delivered this year by President Seth Low, Columbia University, in the Academy of Music.

Among matters of general interest in the University publications of the present year are the addresses of Dr. S. Weir Mitchell before the Graduate Club, on "The Influence of the Poet's Time on the Poet," published in the January number of the *University Bulletin*.

The articles on Goethe's "Faust" and "The Goethe Institutions at Weimar and their Work," published in Volume II., No. 3, of *Americana Germanica*. Mr. Stewart Culin, Director of the Museum of Archaeology and Palæontology, has just published a work, through the Smithsonian Institution, on "Chess and Playing Cards," containing nearly 300 pages, with over 200 illustrations.

The equipment of the Dental Department is being supplemented by the construction of a new Metallurgical Laboratory in the basement of Dental Hall.

ACCORDING to the President's report, which is just issued, Wellesley College was never in better condition materially and intellectually. There are 664 students in all—22 resident candidates for the A.M. degree, 22 non-resident candidates for degrees and 620 registered for the A.B. degree. Of these the seniors number 131; juniors, 134; sophomores, 135; freshmen, 211. By comparison with last year the freshman class shows a gain of 12 per cent. The average age of the seniors is 23 years and 1 month; juniors, 21 years and 7 months; sophomores, 20 years and 10 months; freshmen, 20 years, and special students, 24 years and 3 months. The health record for the year is a triumph to those who believe in the cause of higher education. Withdrawals on account of

illness have amounted to less than one-half of one per cent. of the number in college.

The faculty numbers seventy-nine. Of these, three professors and one associate professor are absent on leave for the present year. Twenty-one new courses of study are set down in the catalogue. Allowing for the old courses which have been superseded, they add twenty-one hours a week to last year's schedule. Among the new courses is one in forestry and dendrology, which opens possible future occupations to women whose bias of mind does not lead them to choose any of the lines of activity already allowed them. Other courses offered are: In English, "The History of Criticism;" in French, "The Comedy of the Eighteenth Century;" in German, "Current Literature;" in Latin, "Advanced Prose Composition;" in literature, "Literary Types;" in pure mathematics, "Modern Synthetic Geometry," "Advanced Geography of Space" and "Higher Plane Curves;" in geology, "Advanced Geography;" in music, "The Elements of Musical Construction." In art six courses are added, "History of Architecture," "History of Sculpture," "History of Italian Painting," a studio course, a course in "Advanced Theory and Practice of Art," and a seminary course in "The History of Sculpture." Four courses also are offered in the new Department of Pedagogy.

Three thousand dollars for a scholarship has come to the College recently, the gift of Sarah J. Holbrook, of Holbrook, Mass. Two other scholarship gifts have also been made during the year, one of \$2,000 from Sarah B. Hyde, the other of \$7,000 from the late Charles Bill, of Springfield. Charles T. Wilder, of Wellesley Hills, gave \$50,000 to the College during his lifetime without conditions. It has just become available, and the purpose to which it will be put has not yet been announced.

STANFORD University met with a most serious loss through the death of Professor Leland Stan- W. W. Thoburn on the ford, Jr. fifth of last month. Professor Thoburn attended to his University work regularly last semester, but during vacation contracted a severe cold, which developed into pneumonia, causing his death. He was associated with President Jordan in the Department of Bionomics, and was one of Stanford's most beloved instructors. His death will be keenly felt, especially in the religious life of the University.

Edward Howard Griggs, head of the Department of Education at Stanford University, will return from Europe soon. Before returning to Stanford he will visit the principal institutions of learning in the East.

Professor Earl Barnes, formerly head of the Department of Education at Stanford University, will return to America next September, to complete the General History which he and Mrs. Barnes had begun previous to Mrs. Barnes' death. Professor Barnes will continue this work at Cornell, Nebraska and Pennsylvania Universities, where the supplementary books are now being written.

Mr. Timothy Hopkins, of Menlo Park, Cal., has sent two representatives of the Zoological Department of Stanford University, Robert Snodgrass and Edmund Heller, to the Galapagos Islands, to spend a year in studying the fauna of the Islands and to make a collection for the University. In several previous occasions Mr. Hopkins has paid the expenses of similar expeditions.

Mr. Teggart, Assistant Librarian at Stanford University, has been appointed to the head of the Mechanic's Library in San Francisco, Cal.

The construction of the outer quadrangle of Stanford University has at last been commenced, and the great pressure for room which has been experienced for the

past few years will soon be relieved. The Assembly Hall, with a seating capacity of 1,700, will be completed for the graduating exercises next May, at a cost of \$100,000. A fire-proof library building, the gift of Thomas Welton Stanford, of Australia, brother of the founder of the University, is being pushed rapidly forward and will be completed some time during the summer, at a cost of \$150,000. The general reading room will have a seating capacity of over 200; and in addition there will be twelve seminary rooms for the use of the different departments. On the stacks, which are to be entirely of steel, there will be room for 250,000 volumes. Bids for the furnishing of these stacks are now being received from Eastern firms, and the lowest bid up to the present time for the simplest pattern is \$21,000. The Museum building now nears completion.

These buildings are to be followed by the erection of the Memorial Arch, which will form the main entrance to the University quadrangle and the University chapel. Plans for laboratory buildings for the different scientific departments are now being proposed.

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THE recent completion and occupancy of a new Physiological Laboratory, admirably arranged and equipped, directs attention to the noteworthy development of the Medical Department of the Johns Hopkins University. Within the last few years facilities have been successively provided for laboratory and clinical work in Pathology, Anatomy, Clinical Medicine and Pharmacology, in addition to the existing Chemical, Biological and Physical Laboratories. The resources of the Johns Hopkins Hospital afford exceptional opportunities for training in the practical branches of medicine and surgery. Since its establishment the Medical School has been rigidly a post-graduate department, requiring for ad-

mission not only a baccalaureate degree in arts and science, but adequate training in physics, chemistry and biology, with a reading knowledge of French and German and acquaintance with Latin. The recently published report of the Dean of the Medical School notes that this requirement as to preliminary training is not only beyond that of any other medical school in this country, but equal to, if not in advance of, that of any foreign university.

The growth of the teaching staff of the Medical School has been from fifteen in October, 1893, when the first year of the course was organized, to fifty-three in 1898. The student body has increased from eighteen, in 1893, to two hundred and thirty-six, in 1898, of which latter number sixty nine were physicians in attendance upon special courses or engaged in special research. Of the students proper, less than twenty per cent. are credited to Maryland, and no less than forty-seven colleges were represented. In preliminary training, fitness for study, work accomplished and social and moral tone, this body of medical students is probably unique. It seems reasonable to forecast that the Johns Hopkins University will accomplish for medical education in this country some measure of that which it has already wrought for university education. Systematic instruction to persons not formally connected with the University is afforded during the present academic year by class courses in history and science, especially adapted to the needs of Baltimore public school teachers. The first course is devoted to the history of education and the relations of England and America; the second series treats of the elements of physical geography and geology. A nominal fee is required for each course and printed outlines and bibliographies are furnished without further cost. The success of the plan has been remarkable. Some two hundred persons, for the most part teachers, have been enrolled in each course, and are now pursuing sys-

tematic study in the subjects selected. As a rational form of "university extension" the experience is instructive and encouraging.

In the light of current events particular interest attaches to the announcement that the course of lectures on American Diplomatic History in 1899, provided by the gift of Dr. Albert Shaw, will be given by Dr. John H. Latané on "The Diplomatic Relation of the United States and Spanish America."

THE first term of the new College for Teachers, which opened October 1st, has been of interest in a number of ways. This new

college was made possible by the generosity of Mrs. Emmons Blaine, of Chicago, who pledged a stated sum for five years. A suite of rooms in a down-town building, centrally located, has been used in order that teachers from all parts of Chicago might be able to attend the courses. The plan of work has been to duplicate in general the instruction offered in the Junior College of the University—the usual Freshman and Sophomore years. In all 22 courses were conducted this autumn, and the intention is to enlarge the curriculum, as the demand for more advanced courses grows until practically a full course leading to the Bachelor's degree is provided. No entrance examinations are required of Matriculants. Courses are conducted in two hour sessions, during the afternoon and the evening. As there are over 5,000 teachers in the public schools of Chicago alone, the great majority of whom have never had any more advanced course of study than a year or two in the Normal School, the field for such a college as this would seem a wide one. Unfortunately, the great size of Chicago almost precludes the possibility of many teachers making the necessary effort to attend classes at a distance from their daily work. Moreover, it is a question whether a teacher is really benefited by taxing his mind after a labo-

rious day in the school-room ; whether, indeed, it is possible to obtain from him truly academic study. So far 282 teachers have taken one or more courses. Nearly 24 per cent. of the total number of registrations were in Natural Science ; about 22 per cent. in Pedagogy, and 19 per cent. in English Literature.

The certificate system of admission to the Junior College has been in operation too short a time to enable one to judge of its effects upon the University. That the affiliating and coöperating schools (as the secondary schools are classified in their relation to the University) favor this change, however, may be inferred, perhaps, from the increase in numbers in the lower college. The registration for the autumn quarter, 1898, was 417 in this department ; in the University as a whole 1,628 as against 1,171 in 1897, and 594 in 1892, the first quarter in the history of the University. It is noteworthy that the proportion of women to men has increased markedly in the undergraduate departments, at present the percentage of women in the Senior College being 50 ; in the Junior College about 45. The total number of students enrolled in the University since July 1, 1898 (the opening of the scholastic year), has been 2,709.

Arrangements were completed last spring for the affiliation of the Rush Medical School, perhaps the strongest medical school in Chicago, with the University.

In November, Greene Hall, a new dormitory for women, was opened. This building completes one side of the Women's Quadrangle. A new gift of great importance has recently been announced, by which land to the extent of two blocks, lying to the north of the campus, has been added to the University grounds. Part of this is used as an athletic field ; the remainder will be valuable for building purposes. Another adjoining piece of land to the west has been presented at the same time by the President



of the Board of Trustees. The rapid growth of the city has made it imperative that the University should obtain adjoining properties to provide for its growth.

THE fiftieth year of the University of Wisconsin shows a gratifying advance in all lines of effort. In spite of the conditions unfavorable to a large collegiate attendance in the United States last fall, the enrollment at Wisconsin is more than one hundred in excess of that of the corresponding period of last year. The gain is most marked in the undergraduate courses and is relatively greater among the young women than among the young men. The number of students in the College of Law has again begun to increase after the decline occasioned by the raising of the requirements for graduation in law, and the attendance upon the courses in agriculture now taxes to the utmost the resources of that college. All departments suffer somewhat from lack of room, as the large addition to University Hall which it was hoped to have ready for occupation at the opening of the year is still unfinished. These difficulties are, however, but temporary; a large structure for the College of Engineering is expected in the near future, while the magnificent Library Building of the State Historical Society on the lower campus will, besides housing the University Library, contain seminary rooms and some lecture halls for the advanced work of the University. Externally this building is nearly completed, and it will probably be ready for occupation in the course of the coming academic year.

Important modifications in the curriculum of the College of Letters and Science went into effect at the opening of the present year. The new arrangement of studies is a combination of the course and group system, and is designed to introduce greater flexibility into the program and increase the student's liberty of election,

while at the same time securing a certain amount of concentration of effort in the junior and senior years. The five courses of the old system—classics, Latin and modern languages, science, history and politics, and English—are preserved for the first two years, and the work of these years is wholly made up of required subjects, which, however, are so arranged that sophomores may, by postponement of required studies, have considerable opportunity for election. The work of the junior and senior years has been made entirely elective, with the provision that each student must choose one third of his work, including his graduation thesis, from some one department of study.

The most noteworthy change in the teaching force has been the reorganization of the work in English by the creation of a chair of the English language distinct from the departments of English literature and rhetoric. The new chair has been filled by the promotion of Dr. F. G. Hubbard, who now has charge of the English composition required of all students as well as of the advanced courses in English philology. The new department has been further strengthened by the appointment of two additional instructors, Messrs. R. E. N. Dodge and E. A. Thurber. New courses are offered in forensics by Professor Frankenburger, in criticism by Dr. Beatty, and in American writers by Dr. Cairns, whose recent studies in early American periodical literature have attracted much favorable comment.

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PROFESSOR DEAN C. WORCESTER whose recent book, "The Philippine Islands and Their People,"\* Michigan. has met with so favorable

a reception, has been appointed by President McKinley a special commissioner to go to the Philippines; he will continue his investigations as ethnological and geo-

\* Published by the Macmillan Company in October and already in the fourth edition.

graphical expert and will act as adviser to the military authorities.

The collection of musical instruments presented to the University by Mr. Fredrick Stearns, of Detroit, has been received and will soon be installed. From the scientific point of view this is probably the most complete collection yet made. It is designed to illustrate the development of the various types of wind, stringed and percussion instruments from the simplest to the most complex forms, but it contains so great a variety of curious and beautiful examples that it will be reckoned by visitors among the chief attractions of the campus. It will be immediately utilized in the preparation of our extensive work on musical instruments by Mr. Stearns and Professor A. A. Stanley, and Professor Stanley will give a course of lectures each year on the subject in connection with the work in music.

According to the summary given in the "War" number of the *Michigan Alumni* (issued in December), about 300 University of Michigan men served in the War with Spain. Among the more prominent were Professors V. C. Vaughan and C. B. Nancrede, of the Department of Medicine, who were on the medical staff in the Santiago Campaign; Professor M. E. Cooley, of the Engineering Department; Chief Engineer of the Yosemite, and Major F. S. Bourns, who was on the staff of General Merritt, at Manila, and acted as intermediary in conducting the negotiations with the Spanish and the insurgents. To these should be added William R. Day, at first Secretary of State, then a member of the Peace Commission; Cushman K. Davis, Chairman of the Senate Committee on Foreign Affairs, also a member of the Peace Commission, and George De Rue Meiklejohn, Assistant Secretary of War.

The Treasurer of the Student's Athletic Association reports that in the year ending December 31, 1898, about \$16,000 were expended in athletics. A sign of the very

lively interest taken in the fortunes of the foot-ball team is the recent establishment of the Alumni Athletic Association, the purpose of which is "to foster and maintain among the alumni of the University of Michigan an active interest in the cause of athletics."

Two other organizations have lately been formed that will serve to bring students into closer relation with the University. The University of Michigan Medical Society aims to increase interest in the work of the Department of Medicine by bringing together alumni and prominent men in the profession at regular intervals through the year. At these meetings papers will be presented upon important subjects, and the laboratories and hospitals will be in working order and open to inspection, that the application of the latest and best methods may be observed. The University of Michigan Pedagogical Society was organized, with the object of promoting the intelligent discussion of educational questions among students who propose to make teaching their life work, and also to retain the interest of alumni who have entered the teaching profession.

The Alpha Chi Omega Musical Society is now represented in the University School of Music by the Theta Chapter, the organization having been effected in November with seven charter members.

The first semester of the University closes February 10th, somewhat earlier than in previous years. Beginning with the academic year 1888'-89, the University will open on the Tuesday preceding the last Wednesday in September. Commencement will therefore always fall on the Thursday preceding the last Wednesday in June.

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It was with great regret that those interested in the University of California heard **California.** some two months ago of the resignation of President Kellogg, to take effect in March, 1899. The

choice of his successor is a grave question, both because the immediate past of the University has been marked by development unprecedented in its history, and because the retiring President leaves affairs in train for more conspicuous, even if not more substantial, advance in the near future.

During the administration of Dr. Kellogg as Chairman of the Faculties, acting President and President—that is since August, 1890—the resources of the University have been more than doubled, in part by the doubling of the State tax, which is now two cents on every hundred dollars of the taxable wealth of the State, partly by the benefactions of individuals. There have been added to the university six new colleges, in Berkeley, the Colleges of Social Sciences, Natural Sciences, and Commerce; in San Francisco, the Hopkins Institute of Art, the Graduate Medical School, and the Veterinary College.

To the Academic College have been added several new departments, notably those of Semitics, Oriental Languages, Jurisprudence, and Art.

The growth of the Professional Colleges in San Francisco has been equally marked. New buildings, at a cost of \$250,000, have been erected. The faculties have been enlarged, the number of students has increased, the courses have been lengthened to the term approved by the best universities in America, and the curricula have been brought into closer touch with those of the Academic departments.

In 1890-'91 there were in the whole University 796 undergraduates and 127 instructors; the records of 1897-'98 show 2,391 undergraduates and 276 instructors. In 1890-'91 there were but 21 students engaged in graduate studies, and but five courses open to them. The increased demand for facilities for graduate work led, however, to the establishment, in 1896, of the Graduate Department and Council. In 1897-'98 174 students were in attendance and 42 graduate courses were offered.

The growth by a university is not, however, to be measured alone by the multiplication of students, instructors, courses, colleges or funds. Such increase is, however, the evidence of a vital policy. The more important advances in method which characterize the nine years of President Kellogg's administration are as follows: *First*, reorganization of the curricula of the College of Liberal Arts, effected in 1893. This consisted in a redistribution of students between the three Colleges of Letters, Social Sciences and Natural Sciences, and in the adoption for each college of a curriculum combining the advantages of the old prescribed course and the new free-elective and group-elective methods in a system at once unique and successful. *Second*, the growth, proceeding from this reorganization, of university courses and methods, properly so called, as distinguished from courses and methods of merely college grade. *Third*, a more vital coöperation of the academic colleges with the professional schools. *Fourth*, the establishment of more advantageous relations between the University and the other educational institutions of the State, high schools, normal schools and the smaller colleges. In 1890-'91 there were 25 schools accredited to the University; in 1897-'98 there were 82. *Fifth*, the missionary enterprise of University Extension, an enterprise which appears now to be merging into the more serviceable method of the summer school or the continuance of regular courses during the summer vacation for the benefit of teachers desirous of studying at the University. *Sixth*, the development of administration by committees, whence has sprung a spirit of coöperation which promises more for academic freedom than any one-man power could perform.

The presidency of Dr. Kellogg will, accordingly, be remembered not only as that during which were made the magnificent donations of Mrs. Hearst toward

the erection of an architectural whole in Berkeley, which will present rather the appearance of a "City of Learning" than of a college; of Miss Flood for the support of the college of commerce; and of Levi Strauss for the founding of scholarships (some three score in number); not only as that during which the University trebled itself in numbers, scope and efficiency, but as an administration characterized by hospitality to ideas by a far-sighted policy, by patience and forbearance; by wisdom which has given the University a harmonious faculty and awakened in students and alumni a genuine university pride and spirit.

YALE UNIVERSITY was fortunate in having under its auspices this year the annual

meeting of both the American Historical and American Economic Associations. This was in part due to the unusual circumstance that the Presidents of both Associations were drawn from the Yale Faculty. The meetings were largely attended and of great interest and have been pronounced by the Secretary of the Historical Association as the most successful ever held. An especial feature was the very able address of President Arthur T. Hodley, of the Economic Association, and of President George P. Fisher, of the Historical Association. Other members of the Yale Faculty appearing on the programmes of the two Associations were Professor John C. Schwab, on "Prices and Price Movements in the Confederate States During the Civil War," and Dr. Frank Strong, on "A Forgotten Danger to New England Colonies."

The new Catalogue discloses some interesting facts. The Graduate School shows a marked increase under the management of Professor Andrew W. Phillips. The number of women in the department is rapidly increasing, being at the present time forty-one. Some movement is on foot to get as soon as possible a special dor-

mitory building erected for their accommodation.

The Historical Seminary for Graduate Students, which occupies three rooms on High Street, is the recipient of a valuable collection of books in English and American history given by Professor Franklin B. Dexter. It numbers about 200 volumes. Among the most valuable are Reports of the Canadian Archives, the Four Tracts, the American Almanac and a full set of the Parliamentary History of England.

Mr. Arthur Power Lord of Paris, France, a member of the Graduate School, also recently made a valuable gift to the Seminary of ten volumes of *Mémoires de Richelieu*. In addition, the University Library has loaned a considerable number of books, so that the Seminary has at present 400 volumes as a nucleus of a valuable library.

Mr. Alfred L. Ripley, of Andover, Mass., a member of the class of 1878, has just presented to the University 500 volumes of German books as a nucleus of a Seminary library in German for graduates and advanced undergraduate students. The collection includes the large Grimm's *Woerterbuch* and a complete set of *Kürschner's Deutsche Nationallitteratur*, 200 volumes. For the reception of this library a room in North College has been fitted up. Mr. Ripley was from 1883 to 1888 Assistant Professor in German. He entirely reorganized the department and changed the methods of instruction.

The Sheffield Scientific School shows an increase in numbers over last year. Professor Brush has resigned the directorship of the School and been succeeded by Professor Chittenden. All indications point to a change in the methods in teaching history, to conform more largely to the modern educational movement. No better example of this could be desired than the change in statement of the requirements for entrance in American history. The

change, due very probably to Dr. Walter I. Lowe, is in sympathy with the recent recommendations of the Committee of the American Historical Association appointed to recommend methods of work in, and College requirements for, Secondary Schools.

The lecture before the Yale chapter of Phi Beta Kappa was given January 16th by Professor Wm. G. Sumner on "The Conquest of the United States by Spain." On the 20th Rev. Washington Gladden, of Columbus, Ohio, lectured before the Divinity School on "The Sermon on the Mount as the Basis of Social Construction."

Two new and valuable courses of lectures are running at the present time: one by Professor Ladd on the "Philosophy of Religion;" the other on "General Literature." The latter course will be continued in future years, to take up drama, novel, etc., etc. During the present year the lectures are as follows: January 11th, Professor Cook, General Introduction; January 18th, Professor Seymour, "The Literary Epic in Its Greek Form: Homer"; January 25th, Professor Gruener, "The Literary Epic in Its Germanic Form: The Nibelungen Lied;" February 1st, Professor Morris, "Comedy in Its Latin Form: Plautus and Terence;" February 8th, Professor Luquiers, "Comedy in its French Form: Moliere;" February 15th, Professor Ladd, "The Philosophical Basis of Literary Criticism."

The taxation suit carried by Yale University to the Supreme Court of the State has been decided in favor of the Corporation of the University, which continues to be free from taxation in the city of New Haven.

The Court, in its decision, supported *obiter dicta* of the Superior Court to the effect that the commercial policy pursued in the renting of dormitory rooms was destructive of the purposes and spirit of the College, which was primarily founded for the education of poor scholars. The

*Alumni Weekly* makes this a text for very plain talk as to the danger to Yale democracy.

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THE present tendency towards the concentration of business in large cities, and the consequent demand for increased floor area in the business houses, have resulted in the development, during the last ten or fifteen years, of a new type of architectural construction.

The introduction of rolled beams of wrought iron and steel, the rapidly decreasing expense of these materials and their ready adaptation to the needs of the architect, have made this new construction possible. The heavy building, with solid masonry walls and piers which was formerly the only prevailing type, reached its practical limit of height before it was a dozen stories from the ground; but with the lighter materials, steel and terra cotta, the architect is enabled to carry his structure fifteen, twenty, or even thirty stories in the air. With this construction many new and difficult problems present themselves, which require for their solution both the training of the engineer and the experience of the architect.

To meet these requirements the Institute has taken steps that will result next term in a new course in Architectural Engineering offered as an option in the course in Architecture.

The option begins with the second term of the third year. In place of Academic Design and some of the purely artistic courses, others have been substituted leading to the study of Architectural Engineering. Lectures and problems on the principles of Applied Mechanics, and lectures in the Theory of Structures including loads and reactions, shears and moments, proportioning of beams, columns and tension pieces, the computation of plate and box girders, wooden and steel

roof trusses, steel framing, wind bracing, fire proofing, foundations, arches, etc., give the student the necessary preparation for practical problems in Structural Design which will form the important feature of the course. In the fourth year some time is given to laboratory tests on the strength of building materials.

The course as arranged at present is for undergraduates, but it is hoped that graduate students who have completed the regular course in Architecture will find in the Engineering Option an attractive field for work. A graduate's magazine, *The Technology Review*, has just been issued by the recently organized Association of Class Secretaries. It is an octavo volume of 140 pages, attractive in appearance and of the best workmanship. The cover, designed by Hapgood and printed on Army brown paper, is very handsome.

The first number contains the Announcement; a photograph with biographical sketch of President Crafts; articles on "The Function of the Laboratory," by Professor Silas W. Holman, and on the "Pierce Building," by Professor Eleazer B. Homer, the architect; reprints in fac simile of early Institute documents and letters, all in the first and more general half. The latter half, seventy pages, is given to news of the Institute, of the undergraduates and graduate classes.

Plans are shown of the several floors of the new Pierce Building, of the first floor of the Rogers Building as now altered, and of the Dynamo House. There are two half-tone inserts and two line-drawings, one by Gelett Burgess. An excellent review of Professor Holman's recent book on Matter, Energy, Force and Work is given by Dr. Goodwin.

President Crafts' annual report of the Institute was presented at the last meeting of the Corporation and will soon be ready for publication. The past year has been a remarkable one in the financial history of the Institute. More money has been received

through bequests and gifts than any in previous year. Under the will of the late Hon. Henry L. Pierce seven hundred and fifty thousand dollars have been paid to the Institute by his executors. This is the largest sum ever given to it by any one giver. In addition to this, the executors of the late Mrs. Julia B. H. James have paid over the very notable sum of one hundred and forty thousand and five hundred dollars, this being also one of the largest gifts ever made to the Institute.

Mr. George A. Gardner, has generously given twenty thousand dollars as a fund, the income of which is to be used in the payment of salaries, a much needed provision. Ten thousand dollars has come from the late John W. Carter, and fourteen hundred and eighty-two dollars and seventy-nine cents has been added to the large sum previously received from the estate of the late Mrs. Susan E. Dorr, for the Rogers Physical Laboratory.

Besides these gifts to the Institute itself, a Traveling Fellowship in the Architectural Department has been established by the will of Willard B. Perkins, M. I. T., '72. For this purpose the sum of six thousand dollars has been given, the accumulated income from which is to be used every fourth year.

Forty thousand dollars has come from the estate of the late Mrs. Ann White Dickinson, the whole sum for scholarship purposes.

A friend has given five hundred dollars to meet a special want, and two hundred dollars has come from Mrs. William B. Rogers, to be used for periodicals.

This great increase in funds came at a time when it was very much needed. It at once led to the erection of the new fire-proof building in Trinity Place, which is to bear the name of the late Hon. Henry L. Pierce. It has also made possible extensive changes and improvements in the old buildings.

It is expected that the Institute will re-

ceive four hundred thousand dollars from the estate of the late Edward Austin. This amount appears to be intended for scholarships and other similar uses and will be highly appreciated, but the great desideratum for the immediate future is accessions to the unrestricted funds of the Institute. It is a fact not generally understood that the actual expense of instructing our students is on the average of \$330 per year, while only \$200 is paid as tuition fees. The balance, \$130, including interest on permanent investments, land, buildings, machinery, etc., has to be met from the past and present government and private benefactions.

During the past year we have lost by death two of the oldest members of the Corporation, Frederick W. Lincoln and John M. Forbes. Ex-Mayor Lincoln was a charter member. He served as Mayor of Boston for various terms, aggregating the greatest number of years ever spent in such service by any Mayor of the city. His connection with the Corporation began with its organization in 1861 and continued for thirty seven years. Mr. John M. Forbes ceased to be a member of the Corporation some years before his death, resigning on account of pressure of business and growing infirmities. He was a member of the Finance Committee from 1866 up to the time of his resignation and was of great assistance to the Institute owing to his extensive acquaintance with the outside world. He was a generous contributor and a valued advisor.

The total number of students is somewhat diminished this year, being 1,171 as against 1,198 last year. This loss seems to be due to several accidental causes; one, the very large graduating class which left the Institute last year, and another, perhaps, the fact that a smaller number of special students have entered the Biological Department, the rooms of which were not in readiness for occupancy at the beginning of the term. There is a loss of

twenty two women students in the Biological Department and of twenty-seven in all departments, just the difference between this and last year's number. For the past four or five years our numbers have changed very little; we have practically held our own. Statistics recently published in regard to all schools of Applied Science in this and other countries show that a maximum was reached in 1894 and that since that date the number of technical schools has increased while the number of students has decreased. The figures given do not allow of any very exact determination, but so far as published they show a very considerable decrease since 1894, so that on the whole we have been more fortunate than our neighbors. The report goes on to say that such a pause as may be observable in the development of Schools of Applied Science is not due to lack of demand for skilled professional knowledge. All our experience seems to show that the demand is a constantly increasing one and that where one man is sent out to take charge of any branch of manufacturing industry it frequently creates a demand for other men to take charge of other departments of the work.

The report notices with regret the departure of Captain Bigelow and bears testimony to his extremely useful services and the excellent condition in which he left the Military Department. Mention has already been made in these columns of Captain Bordman, who succeeds him.

It has been found that seventeen undergraduates and sixty-one postgraduates, as far as known, have taken part in the war. Their names are given in the report.

All through the reports from the different departments of the Institute come notices of the introduction of advanced studies in consequence of advanced entrance requirements, and the school is making continued progress toward a higher standard for its degree.

Another notable feature is the progress

toward a greater subdivision of students into small sections in laboratories and the constantly increasing value placed upon laboratory work. During the past four years this movement has led to the appointment of eighteen new instructors, while the total number of students has remained about the same. If any one figure can be taken as a measure of the efficiency of a well-conducted school it is the ratio of the total number of students to the number of instructors in actual service. In the case of the Institute of Technology, without counting lecturers, there is one instructor to every eight or nine students, one of the very highest ratios in the United States.

The departments of Civil and Mechanical Engineering, Naval Architecture, Architecture, Geology and Industrial Chemistry have benefited by the erection of the Pierce Building in increased space, better light, and particularly in having rooms especially designed to meet the wants of these departments.

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THE college president of the old school was commonly a clergyman who contributed to the denominational journals or to the *North American Review*—in the days when it was old school too—and lectured to the seniors on "Intellectual and Moral Philosophy," a good man, learned and able. The President of a university must still be a man of keen intellect and of high character, but he is expected now-a-days to be rather a man of affairs, a little of a politician, something of a diplomatist, a good deal of an executive. If he happens to be a scholar in addition, that does no particular harm. These are qualities needed for the public service not less urgently in the political than in the educational field, and the new type of president has sometimes demonstrated in public office his fitness for a presidency, and sometimes in a presidency his fitness for public office. It may even be said that

he was developed by the new conditions of the West, where the presidency of a State university is in fact a public office.

Cornell, standing on the educational border land, west for the Eastern universities that are serenely confident of maintaining their educational leadership, east for the Western universities that are strenuously confident of winning it, has been in this respect, as in many others, one of the gateways by which Western ideas have reached the educational world of the Atlantic coast. Her presidents have been rather of the new type than of the old. President White was repeatedly named to diplomatic office, and now President Schurman has accepted the chairmanship of the Philippine Commission.

The prolonged absence of President White did not work, all things considered, to the advantage of the University. Academic affairs at Ithaca fell into such a condition, while he was first in Berlin, as to provoke, and perhaps to justify, vigorous protests from an influential group of alumni. It was even surmised that among the conditions moving him to resign the presidency of the University was the conviction that an efficient discharge of its obligations demanded more attention to local matters than he was willing to give. Be that as it may, the experience of Cornell with a non-resident head proves that there at least the college president is not superfluous. His whole duty is not, as a Europeanized cynic suggested of American college presidents generally, merely to smooth over the difficulties due to the existence of his own office.

At present, in addition to the proved judgment and known affability of Acting President Crane, a further reason for expecting no bad results from President Schurman's absence—prospectively brief—lies in the new organization of the faculties. Prior to the establishment of the Law School the whole faculty passed not only upon matters of general importance,



but also upon many matters affecting one department alone. The result was either that much time was lost in explaining to men who neither understood nor cared for, say, agriculture, the reasons for a proposed change in that course, or else that the agricultural question at issue was decided by a preponderance of uninformed votes. Under such circumstances presidential leadership was indispensable to effective faculty action. The new law faculty managed its own business from the outset, but it was not until 1896 that the principle of college autonomy was extended throughout the University. As a result, Cornell has become virtually a group of affiliated colleges, each with its own little president, called a dean. The temporary absence of the general president, so to speak, therefore becomes a matter much less serious than it would have been five years ago.

To prevent too great divergencies in the practice of the various colleges, a right of revision is reserved to the University Faculty in questions affecting more than one college and in matters of general University policy. It seems probable that the University Faculty, whose control of the Graduate Department is a binding force between the several colleges, will be able so to exercise its revisory functions as to prevent the disintegration of the University. But that is a theme for prophecy. As a matter of history, the new organization has released for more appropriate applications much professorial time and energy formerly absorbed by the friction of the machinery.

FROM a perusal of the University Register we see that :

1. Cornell shows a large gain in numbers, the total to date being 2,038 as against 1,790 at this time last year. The University now shows the largest registration ever reached in its history. 424 degrees were conferred in June, 1898, making a total of 4,755 degrees conferred by the University.

2. The faculty also shows an increase of 50 per cent. It consists of 281 professors, etc., against 191 last year. Besides the new professors in the Medical College and State College of Forestry there are Professors DeGarmo, Redfield, G. S. Williams, Hibbard, Kimball, and lecturers, Coville, Chamott, Blood and Turner.

3. Cornell is shown to have so raised and strengthened the entrance requirements, and at the same time so correlated her courses with the work of the public schools, that it takes a full high school course to enter a student into any course in the University. An increase in the entrance to the courses leading to the degrees of C.E., B. Arch., and M.E. is announced to take effect in and after 1900.

4. The arrangements of the Register shows the component parts of the University, and sets each by itself: The Graduate Department; the Academic Department (Department of Arts and Sciences); the College of Law; the College of Agriculture; the New York State Veterinary College; the College of Architecture; the College of Civil Engineering; the Sibley College of Mechanical Engineering and Mechanic Arts; the Medical College, and New York State College of Forestry.

5. It has at the same time brought out that each of these departments and colleges has its own staff of instruction, its own course, its own degree. Thus the consolidated courses in the Department of Arts and Sciences led to the degree of A.B.; the College of Law grants LL.B.; the College of Agriculture, B.S.A.; the New York State Veterinary College, D.V.M.; the College of Architecture, B.Arch.; the College of Civil Engineering, C.E.; the Sibley College of Mechanical Engineering and the Mechanic Arts, M.E.; the Medical College, M.D.; the New York State College of Forestry, B.S.F., and the Graduate Department, A.M. and Ph.D.

6. Cornell University gives free tuition each year to 512 holders of State scholar-

ships ; to all New York State Students pursuing work in the State Veterinary College and in the State College of Forestry, and to students in the College of Agriculture. It has eighteen undergraduate scholarships, each having a value of \$200 per annum for two years, to be awarded at a competitive examination at the beginning of the freshman year.

7. The Graduate Department shows an increase of 19 in the number of students. There are now 24 graduate fellowships and 17 scholarships. The graduate scholarships have an annual value of \$300 each. 22 fellowships have an annual value of \$500, 2 an annual value of \$600, and 1 an annual value of \$1,000. A class of fellowships termed Honorary Fellowships has been established to be awarded to persons already holding the Doctor's Degree. Holders of Honorary Fellowships are to receive no emoluments and are not to be charged tuition.

8. The Academic Department (Arts and Sciences) has an instructing staff of 115 and an enrollment of 616 students. The announcement of courses of instruc-

tion shows that 23 departments are represented, and over 415 courses are offered, as follows : Semitic Languages and Literatures, 14 ; Classical Archæology, 6 ; Comparative Philology, 7 ; Greek, 20 ; Latin, 14 ; The Germanic Languages, 13 ; the Romance Languages, 18 ; English, 29 ; Philosophy, 33 ; Musical Course, 1 ; History and Political Science, 56 ; Bibliography, 1 ; Mathematics and Astronomy, 46 ; Physics, 26 ; Chemistry, 39 ; Botany, 22 ; Entomology and General Invertebrate Zoology, 8 ; Physiology, Vertebrate Zoology and Neurology, 11 ; Anatomical methods and Human Anatomy, 4 ; Microscopy, Histology and Embryology, 7 ; Geology, 24 ; Military Science and Tactics, 5 ; Hygiene and Physical Culture, 10.

9. The Register shows the College of Law to have a new professor, Professor H. S. Redfield. The decreased attendance in the College of Law this year is due to the fact that the course is now a three-year course. Last year the senior class numbered 110 and this year there are only 16. The number entering the College last year was 65 ; this year 98.

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## Notes and Announcements.\*

MESSRS. G. P. PUTNAM'S SONS announce the forthcoming publication of an English version, prepared directly from the Russian original, of a story by Count Tolstoi, entitled *Resurrection*.

*The Development of English Thought, A Study in the Economic Interpretation of History*, by Simon N. Patten, Professor of Political Economy at the University of Pennsylvania, is announced for publication at an early date by The Macmillan Company.

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\* Publishers are requested to note that all literary announcements should be in the editor's hands not later than the 16th of the month. The subscription list of BOOK REVIEWS is one of 10,000 names. It circulates chiefly among the educational and professional classes and members of the book trade.

THE Century Co. will publish this month *The Life and Letters of Lewis Carroll*, by his nephew, S. D. Collingwood, with 100 illustrations ; *The Maine*, a narrative of her destruction, by Capt. Sigsbee ; and *Campaigning in Cuba*, the capture of Santiago, by George Kennan.

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THE lack of a comprehensive book for travelers, investors and others, devoted entirely to Puerto Rico, will issue a welcome for *Puerto Rico and its Resources*, by Frederick A. Ober, the well-known traveler in the West Indies, which is coming from the press of D. Appleton & Co.

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A COMPREHENSIVE edition of the correspondence of John C. Calhoun is in course of preparation by Professor J. F. Jameson,

of Brown University. He is in possession of over four hundred letters written by Calhoun and about three thousand letters addressed to him, together with other valuable papers belonging to the Calhoun family.

HARPER & BROTHERS have just published *The Open Question*, a novel by C. E. Raimond (Elizabeth Robins), author of *George Mandeville's Husband*, also *Wessex Poems and Other Verses*, by Thomas Hardy, author of *Tess of the D'Urbervilles*, etc. Illustrated by the author.

*The Annals of the American Academy of Political and Social Science*, published in Philadelphia, which is, perhaps, the most learned economic magazine in the country, has just accepted the resignation of Professor E. J. James from its editorial board, and has elected Henry R. Seager to fill the vacancy.

AMONG the books announced for early publication by Dodd, Mead & Co. are: *Thou and the Other One*, by Amelia E. Barr; *The Enchanted Stone*, by Lewis Hind; *The Silver Cross*, by S. R. Keightley; *The Song of the Rappahannock*, by Ira S. Dodd; *Mari Sienka*, by K. Waliszewski, and *Joubert's Thoughts*, by Katherine Lyttelton.

THE *Monthly Cumulative Book Index*, published by Messrs. Morris & Wilson, Minneapolis, has become, in its December issue, a volume of 237 pages, and gives an author, title, and subject index of all the books published in this country since the beginning of last year. It is a valuable work for reference, and the subscription price is moderate.

*The Foundations of Zoölogy*, by William Keith Brooks, Professor of Zoölogy in Johns Hopkins University, will be published by The Macmillan Company immediately, for the Columbia University Press. It is the fifth volume of the Columbia University Biological Series, which is edited by Henry Fairfield Osborn and Edmund B. Wilson.

MACAULAY'S essays on Addison and Milton and Shakespeare's *Macbeth*, all edited by Mr. Charles W. French, form

three volumes in a new series of annotated English texts published by the Macmillan Co. in a form at once tasteful and inexpensive. Tennyson's *Princess*, edited by Mr. Wilson Farrand, is a fourth volume of the same series.

*The Dawn of Reason* is the title of a new book by James Weir, Jr., M.D., in which he treats of the mental traits in the lower animals, with special reference to insects. The Macmillan Company will publish it during the spring season. Dr. Weir is already known to psychologists by his work on *The Psychological Correlation of Religious Emotion and Sexual Desire*.

MESSRS. HENRY HOLT & Co., expect to issue at once the American edition of *Eighteenth Century Letters*, under the general editorship of Mr. R. Brimley Johnson. The letters of Swift, Addison, and Steele are selected and edited with an introduction by Mr. Stanley Lane Poole, in one volume, and Mr. George Birkbeck Hill has performed the same offices for those of Johnson and Lord Chesterfield in another volume.

D. APPLETON & Co. will publish shortly *The Cruise of the Cachelot Round the World after Sperm Whales*, a story of the life and adventures of a crew of a South Sea Whaler, by Frank T. Bullen, first mate. They have in press *A History of Japanese Literature*, by W. G. Aston, late Japanese secretary to the British Legation; also *Windyhaugh*, a new novel by Graham Travers, the author of *Mona Maclean*, *Medical Student*.

AN article on *Constructive Work in the Common Schools*, by Wilbur S. Jackman, will open the February *Educational Review*. Other articles in that number will be *Taxation of College Property*, by Charles F. Thwing; *Practical Aspects of Psychology*, by Joseph Jastrow; *The Northwestern State University and Its Preparatory School*, by Willard K. Clements; *The Limitations of Mathematics*, by James H. Gore, and *How to Study History*, by Anna Boynton Thompson.

Two recent additions to the "Athenæum Press" publications of Messrs. Ginn & Co., are *The Poems of William Collins*, edited by Mr. Walter C. Bronson;

and *Memoirs of the Life and Writings of Edward Gibbon*, edited by Dr. Oliver F. Emerson. The text of the latter volume forms a connected narrative based upon the recently published "Autobiographies," and provides a critical edition of a kind that has been much needed. It should supercede the old "Memoirs" altogether.

*Democracy: A Study of Government*, by Professor James H. Hyslop, of Columbia; *The Porto Rico of To-Day: Pages from a Correspondent's Note-Book*, by Albert Gardner Robinson; *A General Introduction to the Study of Holy Scripture*, by Dr. Charles A. Briggs; *The Kingdom*, by Dr. George Dana Boardman; *The Bases of Mystic Knowledge*, from the French, by Sara Carr Upton; and *A Short History on Astronomy*, by Arthur Berry, have just been issued by Charles Scribner's Sons.

SMALL, MAYNARD & CO., of Boston, announce for publication the first five volumes of the Beacon Biographies, a new series that has been prepared with much care in selection of authors and subjects, and which will be edited by M. A. de Wolfe Howe. Four of the books that will first appear are: *Admiral Farragut*, by James Barnes, the well-known novelist and historian; *James Russell Lowell*, by Edward Everett Hale, Jr.; *Robert E. Lee*, by Professor Trent, of the University of West Virginia, and *Phillips Brooks*, by M. A. de Wolfe Howe.

*Li Livres du Gouvernement Des Rois* is the title of an interesting specimen of enlightened mediæval scholarship which is now for the first time published from the Kerr MS., by The Macmillan Company for the Columbia University Press. It contains a full-page facsimile and an introduction by the editor, Samuel Paul Molenaar, A.M., of the University of Pennsylvania, sometime fellow of Columbia University. Numerous editions in the original Latin were published in the fifteenth and sixteenth centuries, but the French version has never before appeared in print.

A BOOK of interest both to students and general readers is a collection of *French Lyrics*, edited by Professor Arthur G. Canfield, of the University of Kansas, just issued by Messrs. Henry Holt & Co. More than fifty poets are represented

by some 230 poems; contemporary writers such as Coppée, Heredia, Verlaine, Maupassant and Bourget not being neglected. The editor has prefaced the poems with brief sketches of the growth of the French lyric and of French versification. His notes briefly characterize the work of the various poets.

LONGMANS, GREEN & CO., announce the titles and authors of four new volumes in their "Builders of Great Britain" series: *Lord Clive: the Foundation of British Rule in India*, by Sir A. J. Arbuthnot; *Rejah Brooke: the Englishman as Ruler of an Eastern State*, by Sir Spenser St. John; *Admiral Phillip: the Founding of New South Wales*, by Louis Becke and Walter Jeffrey and *Sir Stamford Raffles: England in the Far East*, by the editor of the series, H. F. Wilson, M.A. *Edward Gibbon Wakefield: the Colonisation of South Australia and New Zealand*, by R. Garnet was recently published.

SIR FREDERICK POLLOCK, Corpus Professor of Jurisprudence in the University of Oxford, will publish shortly through The Macmillan Company his *Life and Philosophy of Spinoza*. His purpose is to put before English and American readers an account fairly complete in itself and on a fairly adequate scale, of the life, correspondence and philosophy of Spinoza. He aims, in the first instance, at being understood by those who have not made a special study of the subject; but his hope is that it may also be of some use to those who already know Spinoza at first hand, and to critical students of philosophy.

THE title of Charles Egbert Craddock's new book is *The Story of old Fort Loudon*. It has just been published by The Macmillan Company. The author of *The Prophet of the Great Smoky Mountain* has taken the brilliant Tennessee landscape for the setting of her new story. It is a narrative of the life of the pioneers of Tennessee and of their fortunes at the hands of the Cherokees in the uprising of 1760. It forms a new volume in the series of Stories from American History of which Frank Stockton's *Buccaneers and Pirates*, and Grace King's *De Soto in the Land of Florida* are two of the more recent books.

BOOKS recently announced for publication by G. P. Putnam's Sons include: *Bismarck and the New German Empire, How It Arose and What It Displaced*, by J. W. Headlam, of King's College, Cambridge; *The Story of the West Indies*, by Amos K. Fiske; the second part of J. C. Ropes's *Story of the Civil War*; an illustrated volume entitled *Volcanoes*, by T. G. Bonney, F.R.S., of University College, London, and Gaston Boissier's *Roman Africa*; this last includes descriptions of the archæological remains of the Romans in Algiers and Tunis. The work to be presented in America is the authorized version by Arabella Ward.

THE MACMILLAN COMPANY have just published *The Evolution of Plants*, by Douglas Houghton Campbell, Ph.D., Professor of Botany in the Leland Stanford, Jr., University. This book is intended to present in brief form, and in as untechnical a way as possible, a sketch of the development of the vegetable kingdom, based upon the most reliable investigations of recent years. The work was not prepared primarily for botanical students, but rather as a summary of the more important facts bearing upon the evolution of plant forms, for the use of students, professional or otherwise, interested in the general problems of evolution.

CARL SCHNABEL's well-known *Text-book of Metallurgy* has been translated and edited by Professor Henry Louis, of the Durham (England) College of Science. It was published last month by The Macmillan Company, in two volumes, fully illustrated. In the original it is generally regarded as the most complete book on Metallurgy that has been written. It gives very considerable attention to the work which has been done in the United States. The translator's familiarity with his subject is some guarantee that the work has been put carefully into English. He is already well known among mining engineers by his *His Handbook of Gold Mining*.

THE "*Tale of Beowulf, sometime King of the Folk of the Wedergeats*," as translated by Messrs. William Morris and A. J. Wyatt, has hitherto been obtainable only as a publication of the *Kelmscott Press*, whence it issued in 1895. An edition for

the general purchaser, as distinguished from the bibliophile, is now offered by Messrs. Longmans, Green & Co. An index of persons and places is provided, as also a glossary of the archaic words used by the translators. There are only seventy or eighty of the latter, and many of these are familiar to the reader of average intelligence. The publication of this edition is a great boon to teachers and students of English poetry.

*The Forest Lovers*, by Maurice Hewlett; and *The Life of Shakespeare*, by Sidney Lee, were two of the three books, published during 1898, which have been crowned by the London Academy this month. Each is published by The Macmillan Company. In this connection it is not without interest to note that in the recent plebiscite taken by the *Outlook*, five out of the ten best books chosen by the readers of that magazine were published by the same firm. They were *The Life of Tennyson*, by his son; Moritz Busch's *Bismarck*; *Helbeck of Bannisdale*, by Mrs. Humphry Ward; McCarthy's *Life of Goldstone*; and *The Letters of Elizabeth Barrett Browning*.

A NEW volume of poems by Paul Laurence Dunbar is soon to come from Dodd, Mead & Co. It is entitled simply "Poems, (Second Series.)" It will be recalled that Mr. Dunbar, a young negro, wrote some time ago a book of verses called *Lyrics of Lowly Life*, which had an unprecedented popularity, all things considered, and encouraged the author to give the public more of his work. His next effort was in the line of prose, a collection of short stories entitled "Folks from Dixie." Last autumn a novel came from his pen, *The Uncalled*. He has been successful in all. And, whether the first copies of his poems were purchased through mere curiosity or not, the fact remains that he has appealed to an ever-increasing audience.

HENRY HOLT & Co. published last month Professor Henry A. Beers' important work entitled *A History of English Romanticism in the Eighteenth Century*. Professor Beers writes in a popular vein, and although his new work is primarily intended for scholars, it is said to betray the same engaging style that characterized his *Ways of Yale*. Its main theme is the

reaction against eighteenth-century classicism, and the author reminds one very much of Taine in his clear discriminations and pertinent selections. The principal writers treated are Thomson, Collins, Akenside, Dyer, Gray, Mason, the Whartons, Hard, Beattie, Percy, Walpole, Clara Reeve, Anna Radcliffe, "Monk" Lewis, Macpherson, Chatterton and Scott.

*My Lady and Allan Darke*, is the title of a novel by a new writer, which will be published in a few weeks by The Macmillan Company. The author, Charles Donnell Gibson, has broken entirely fresh ground in a romance of the end of the last century.

It is stirring and dramatic, easily written, and almost wild in its rapid and romantic movement. The plot is worked out on an island off the coast of Virginia where Allan Darke is held as a closely watched captive by a courtly old time planter whose personal history is hidden from the reader and whose slaves dog the captive at every step.

The reason of Allan's captivity is not disclosed and cannot be guessed until the very end of the story. My lady is the daughter of Allan's captor, willful, beautiful and passionate, but womanly. It is a fascinating picture of life on a large, last century plantation, and it is said to be a wonderful story cleverly done.

THE MACMILLAN COMPANY announces the publication this month under the editorship of Frank M. Chapman, of the first number of a popular bi-monthly magazine of ornithology to be known as *Bird Lore*.

This magazine will aim to fill a place in the journalistic world similar to that held by the nature works of John Burroughs, Henry Van Dyke, Bradford Torrey and Olive Thorne Miller in the domain of books. The authors just mentioned, and numerous other writers known for their powers of observation and description, will be among its contributors.

The illustrations will be made from photographs of birds and their nests in nature.

The magazine will be the official organ of the Audubon Societies for the Protection of Birds and a department devoted to their work will be under the charge of Mrs. Mabel Osgood Wright. The price will be 20 cents a number or \$1.00 per annum.

THE lecture which Professor Heinrich Haeckel read, under the title of *The Last Link*, before the Zoölogical Congress at Cambridge University, has been revised, illustrated and corrected by the author, and has been edited, with notes, by Professor Hans Frederick Gadow, Lecturer on Zoölogy at Cambridge University. It was published in this country by The Macmillan Company in January. It is a summary of all the facts and theories of the present century regarding the origin of man, Haeckel himself expressing belief that the missing link, as far as it is likely to be found, exists in the fossil *Pithecanthropus erectus*, discovered in Java in 1894 by Dr. Eugene Dubois. Of this fossil Haeckel says it "is only a Pliocene remainder of that famous group of highest Catarrhines which were the immediate pithecoïd ancestors of man. He is, indeed, the long-sought-for 'missing link,' for which, in 1866, I myself had proposed the hypothetical genus *Pithecanthropus*, species *Alalus*."

FOREIGN questions are naturally occupying such a prominent place before the American people that we are neglecting the equally important questions of domestic policy. As a result the final report which has lately been issued by the Indianapolis Monetary Commission has not attracted the attention it deserves, and before long must receive, for our financial policy is necessarily related to our Colonial policy, whatever that shall be. A searching analysis and criticism of that report is contributed by Mr. F. A. Cleveland to the January *Annals of the American Academy*, and should be read by everyone interested in our financial problems and their solution. This number also contains "The Growth of Great Cities in Area and Population," by Professor Edmund J. James; "Wealth and Welfare," Part II., by Professor H. H. Powers, two papers on "A Unit in Sociology," by Professors Albion W. Small and Samuel M. Lindsay, respectively, and the usual departments.

It is, perhaps, not generally known that Professor Dean C. Worcester, of the University of Michigan, who has just been appointed a member of the special Commission to visit the Philippine Islands, is the author of the recently published and

very widely read book, *The Philippine Islands and their People*. This is the most exhaustive work that has appeared on the situation in the islands, and is, therefore, naturally having a very wide reading. The Macmillan Company, who publish this book, have just brought out the fourth large edition which has been called for since October. Indeed, it is doubtful if the Professor's knowledge of the Philippines and their affairs and habits would have been so signally recognized by President McKinley had the latter not read the Professor's book. The record of his three years' wanderings and observations on the islands, led to a flattering personal invitation to Washington, from the President, and the subsequent appointment of the Professor as Commissioner.

MRS. HUGH FRASER'S *Letters from Japan* will be published in a very short time by The Macmillan Company, in two volumes with several hundred beautiful illustrations. As the wife of the British Minister to Japan, the author had exceptional opportunities to observe the people and their customs, and had access to sources of information which she has been enabled to use in a very fascinating way. The illustrations alone, and there are several hundred of them, would make the book a work of the highest value to all who are interested in Japan and her people. As the wife of a diplomatist, the author has been able to obtain photographs even of the Emperor himself as well as of the urchins of the streets. In an easy and charming style Mrs. Fraser has written of the many-sided and complex character of the people. Her book deals mainly with events and persons connected with the different aspects of life in the capital where most of the years of her visit were passed, and which is preëminently the center of Japan's vitality to-day.

WE called attention on its appearance to the autobiography of the Italian Gen. E. della Rocca, an intimate personal friend of Victor Emmanuel and for over seventy years a participator in or witness of the transformation of Italy into a free kingdom. He died in 1897, at the age of ninety. A few years before his death he finished dictating to his wife the second volume of his memoirs, *Autobiografia di un Veterano* (Bologna: Zanichelli), which has just

been brought out in English by Macmillan. It covers the period 1859-1893. For readers who welcome side lights on recent Italian history, and for libraries which keep such material up to date, mention should also be made of the second volume of *Giacomo Dina e l'Opera Sua* (Turin: Roux, Frassati & Co.), edited by that model editor, Senator Luigi Chiala. It comprises the chief work of Dina from the death of Cavour through the war of 1866; and as Dina was in the confidence of Cavour's ablest successors, his utterances in political matters have often a quasi-official importance. Senator Chiala's notes and running commentary need no bush.

G. P. PUTNAM'S SONS have in preparation a comprehensive study of Dante by Professor E. Wilson, entitled *Dante Interpreted*. It is particularly designed for youthful students. Besides many episodes in the life of the great Florentine and a description of the times in which he lived—political, literary and architectural—translations of the text of "*La Divina Commedia*" will be freely cited, drawn from the renderings of Longfellow and of Professor Charles Eliot Norton. They will add to their "*Heroes of the Reformation*" series a volume on *Thomas Cranmer* (1489-1556), the author of which and that on *John Knox* (1505-1572) has not yet been made known. The volume entitled *Huldreich Zwingli* (1484-1531), the reformer of German Switzerland, is to be by Dr. Samuel Macaulay Jackson, the editor of the series. Other volumes announced are: *John Calvin* (1509-1564), the founder of Reformed Protestantism, by Williston Walker; also *Theodore Beza* (1519-1565), the counsellor of the French Reformation, by Henry Martyn Baird, Professor of the Greek Language and Literature in New York University and author of *The Huguenots*.

SPON & CHAMBERLAIN announce the following new books: *Energy and Heat*, by John Roger; *Small Accumulations, how to make and use them*, by P. Marshall; *Quick and Easy Methods of Calculating with the Slide Rule*, by R. G. Blaine; *The Organisation of a Gold Mining Business*, by Nicol Brown; Science abstracts, Vol. I., 1898, and new editions; Transformer design, by G. Adams; Molesworth

*Pocketbooks of Engineering Formulas, Rules and Tables; Architects' and Builders' Pocketbook*, by Hurst; *Metrical Tables*, Molesworth; *Hydraulic Tables for Finding the Mean Velocity and Discharge of Water in Open Channels*, by Higham; *Strains in Ironwork*, by Adams; *Mining Machinery*, by Andre; *Aid Book to Engineering Enterprise*, by Matheson, and new editions of the following books in the press; Proctor, on *Practical Farming*; Moritz and Morris, on *Brewing*; Butler, on *Portland Cement*; Robinson, on *Gas and Petroleum Engines*; Millis, on *Metal Plate Work*; Bayley's *Chemists' Pocketbook*; Thompson, on *Polyphase Electric Currents*; Wall, on *Everyone's Guide to Photography*; and Sections V. and VII., of Appleby's hand-books.

THE *American Historical Review* for January (Macmillan) contrives to keep in touch with current interests by means of a paper, based on much research, by Frank Strong, on "The Causes of Cromwell's West Indian Expedition in 1655," and the influence which New Englanders, such as John Cotton and Roger Williams had, "in helping Cromwell to make up his mind in regard to it." Among the "Documents," also we find several bearing on the expedition against Santiago de Cuba in 1741, which landed in the bay of Guantánamo. One, endorsed "Some Thoughts relating to our Conquests in America," contains this suggestive passage: "Admitting us in quiet possession of all Spanish America. To keep the possession we must do as the Spanish have done before us, we must have strong garrisons and Colonies. This will estrange our hands and treasure, and we shall soon be in a worse condition than the Spanish themselves." Of still greater moment is Professor H. Morse Stephen's brief but clear "Administrative History of the British Dependencies in the Further East," a remarkable tale of flexible adjustment to varying conditions of colonial acquisition. A series of letters addressed from the South, in 1861, to Secretary Chase, certain of them being special reports on request, will be found instructive reading.

*Friendly Visiting Among the Poor: A Handbook for Charity Workers*, is the title of a book, by Mary E. Richmond, General Secretary of the Charity Organi-

zation Society of Baltimore, which will be published by The Macmillan Company early in the spring. Miss Richmond has had ten years' experience in training charity workers. Some of the material in her book has been used in conducting classes for the study of personal service in the homes of the poor. It will be found readable and suggestive by beginners in church charities, by members of the order of King's Daughters and by all who, as friendly visitors of some society or as individuals, come in contact with poverty and need. The natural argument of the book assists to a clear understanding of the subject. Considering, first, the various aspects of life within the family, two chapters are devoted to the breadwinner as citizen, employee, husband and father; a chapter is devoted to the homemaker and another to the children. Then come chapters on the health of the family, their spending and savings and their recreations. Only after the subject has been considered, in this way, from the inside, do the concluding chapters treat of the principles of effective relief giving of church charity and of friendly visiting. The book closes with a number of illustrative cases and has a full index.

*The Life of Henry A. Wise*, the famous Governor of Virginia, has been written by his grandson, Barton H. Wise, of the Richmond Bar, and will be published in a few weeks by The Macmillan Company. It covers the period of Governor Wise's service in the American Congress from 1833-1844, his career as U. S. Minister to Brazil, from 1844-1847, his services in the Virginia Constitutional Convention of 1850-1, and in the Virginia Convention of 1861, which last passed the ordinance of secession, his spirited campaign against the Knownothing party in 1855, the John Brown raid, and lastly his career as a Brigadier General in the Confederate Army. The author has had access to the private papers of Governor Wise, which he has studied with great care, and has gathered an immense amount of data bearing on his life and career, and the history of Virginia prior to the war between the states. The book contains a great number of personal anecdotes concerning its subject, as well as valuable material hitherto unpublished relative to the presentation of abolition petitions in Congress, the



Graves-Cilley duel, the building of the first iron-clad for the U. S. navy, the administration of Mr. Tyler, the suppression of the African slave trade in Brazil, the struggle of democracy against aristocracy in Virginia, the material, social and political condition of the Virginia people from 1830 to 1860, and reminiscences of public men.

THE MACMILLAN COMPANY announce a Children's Number of the "Modern Reader's Bible," which is edited with introduction and brief notes by Richard G. Moulton, Professor of Literature in English at the University of Chicago. Its title will be *Bible Stories* and it will be in two volumes: Volume I., The Old Testament; Volume II., The New Testament.

While this is announced as a Children's Number of the "Modern Reader's Bible," the term "Children" covers a wide variety of capacity, from an intelligence greater than that of many adults to a child mind that needs to be addressed in a language of his own. The text of this volume is suitable for all; the introduction and notes are intended for older children, or for others only by transmission through the minds of parents and teachers. The stories which make the text are in the language of Scripture, altered only by omissions. The Bible has this amongst other marks of a classic: that is language has the power of attracting young minds, even where (in the opinion of their seniors) the subject matter ought to be beyond them. As in the other volumes of the "Modern Reader's Bible" the Revised Version is followed with frequent substitutions of margin for text. As an example of arrangement, the first volume is arranged according to the natural divisions of Bible history: Genesis, The Exodus, The Judges, The Kings and Prophets, The Exile and Return, each of which will be published separately in paper covers. Each period is represented by its most important stories; the purpose of the introduction and notes to each section is to weave all together by indicating briefly the bearing of each story on the general history. The literary charm of Scripture narratives is so great that these stories will serve where nothing more is desired than a reading book. More than this, it is the function of story to bring up persons and incidents with the vividness of present reality; they lend themselves to moral

and religious comment, which thus becomes a comment on life itself. These two volumes will be uniform in size and price with the other volumes of the "Modern Reader's Bible Series."

*Democracy and Empire*, by Professor Franklin H. Giddings, of Columbia University, author of *The Principles of Sociology*, the *Theory of Socialization*, etc. is the title of this well known writer's last book, just announced for early publication by The Macmillan Company.

It will deal with an historical movement of world-wide extent, namely, the economic and ethical development of the human race. This movement is assuming the two forms of democracy and empire. Within each great nation the people are learning to use political power, and on the whole they are using it to broaden opportunity, to extend education and to establish sound morality. They are showing that, as President Lincoln declared, in all important matters and in the long run they can be trusted to do the right. Coincidentally with the democratic evolution within each nation, each great power is extending its territorial boundaries, to include tropical lands inhabited by dark races. Every important nation is becoming the nucleus of an empire. But the modern empire, unlike ancient empires, is not chiefly a product of wars of conquest. It is largely a result of geographical exploration, commercial expansion, colonization and diplomatic compromise. Furthermore, modern dependencies are not held in order to extort from them the utmost of tribute. They are held rather in trust for civilization, and the sovereign power recognizes the duty of governing for the benefit of the governed; of extending to them the blessings of law, order, liberty and education. Thus, both democracy and empire are essentially phases of a great ethical movement, which is lifting the whole human race. From this point of view they are described in this work. The keynote is struck in the opening chapter on "The Ethical Motive." Then follow, among others, discussions of "The Costs of Progress," of "The Nature and Conduct of Political Majorities," of "The Destinies of Democracy," of "The Relation of Social Democracy to the Higher Education" and of "The Popular Instruction Most Necessary in a

Democracy." The discussion of empire is introduced with the chapter on "Imperialism," reviewing our war with Spain and its consequences, which was recently read at a public meeting in New York and attracted wide attention. The final essay on "The Gospel of Non-Resistance" is a critical examination from the sociological

and historical standpoints of that interpretation of Christianity which is represented in modern literature by Tolstoi. The actual limits set to non resistance by the struggle for existence are indicated, and it is shown that the realization of the Christian ideal depends upon the success of "Empire."

## Reviews.

### GENERAL LITERATURE.

*Memorials by Roundell Palmer, Earl of Selborne.* The Macmillan Company.

The two volumes comprising the second part of the work entitled *Memorials by Roundell Palmer, Earl of Selborne* (Macmillans) cover the period from 1865 until the author's death, in 1895. In this, the concluding installment of the book, more space is given to the author's own opinions on public questions and to the part which he took in public affairs, and less to family matters. Of the letters which are here reproduced, either textually or in substance, some are by Mr. Gladstone, and the account of the author's relations with the late leader of the Liberal party will be found particularly interesting. Among the chapters which contain material of value for the future historian may be mentioned those which deal with the treaty of Washington and the Geneva arbitration, and with the home rule question and the great secession of the Unionist-Liberals in 1886.—*New York Sun*.

*Concise Dictionary of Greek and Roman Antiquities.* Edited by F. Warre Cornish, Vice-Provost of Eton College. Henry Holt & Co.

This work, though derived from Sir W. Smith's larger dictionary, is no mere abridgment of that well-known work. Mr. Cornish has naturally recast, and in many cases rewritten, articles that modern research in classical archaeology had rendered in part obsolete. A great improvement in method is the grouping of articles under one head, *e. g.*, Architecture, Coinage, etc. The addition of over 200 fresh illustrations increases the definiteness of the book. Students of Cicero and Demosthenes will be grateful for the appendices of Greek and Roman law-terms. In the article on the theatre, Mr. Cornish discusses with a bare mention, Professor Dörpfeld's theory that the Greek stage was on the same level as the orchestra until Roman times. Though a dictionary of antiquities is not the field for archaeological controversy, we think it would have been instructive at this point, in so important a work, to give very briefly the literary evidence—or at least the titles of the

plays—in support of Dr. Dörpfeld's view Mr. Cornish's volume is likely to supersede Smith and Rich in general school and under graduate use. The Greek, Latin and English indices are excellent. The book has a pleasing and scholarly exterior, and, though it contains more than 800 pages, is not cumbersome.—*Nation*.

*The Underground Railroad from Slavery to Freedom.* By Professor William H. Siebert, of the Ohio State University. The Macmillan Company.

This is an admirably planned and well-executed work. It seems strange that it should be a generation after the overthrow of slavery before a comprehensive account should be written of that part of the anti slavery movement which had in it the most of romance, and possibly did more than anything else to keep vividly before both South and North the fact that slavery was a National issue. Professor Siebert has gone into this question in great but never wearisome detail, and he publishes as an appendix to his volume a directory of the names of underground operators. Nearly all the station-keepers were native Americans of Quaker or Puritan or Covenanter lineage. It must not be forgotten, however, that the negroes themselves bore an important part in the work. Not only did the slaves in the South instinctively co-operate in keeping the secrets of the operators who came among them, but many of these operators were themselves of the negro race. Harriet Tubman, who was called "the Moses of her people," returned nineteen times to the slave States, and before the beginning of the war had emancipated three hundred slaves. Her constant sense of the presence of God within her own soul, guiding all her efforts, was one of the finest expressions of Christ-like faith that we have had in our National history. A new belief in the possibilities of the negro comes from the reading of these struggles for human rights. On the side of illustration the volume is exceptionally strong. The cuts are numerous, well selected and well executed. The frontispiece is a reproduction of

C. T. Webber's painting of the reception of fugitive slaves by Levi Coffin on the outskirts of Cincinnati. Few historical paintings are so full of the feeling which the scenes depicted should inspire.—*Outlook*.

*Glimpses of Modern German Culture.* By Kuno Francke. Dodd, Mead & Co.

It is refreshing to renew contact with a mind that, having found its standpoint, will not depart from it. Among the puzzling contradictions and startling complications of modern life, such a standpoint is a welcome *point de repère* from which with dignity and at leisure to survey the encompassing turbulence. A standpoint of this kind Professor Francke has found in his theory of the perennial conflict between individualistic and collectivistic forces. It was on these lines that he so admirably traced the history of "Social Forces in German Literature," announcing his programme in this title. The present volume is a collection of articles written in a lighter and more intimate vein, dealing with a variety of topics for the most part unrelated, but each revealing the same breadth of view and seriousness of purpose that gave distinction to the larger work. Germany of to day he calls the "classic land of moral contrasts." By fixing his attention upon this conflict of opposing forces as an essential factor in each problem, he is enabled to get his bearings amid the most confusing manifestations of intellectual activity in modern Germany, and his adherence to a guiding principle gives to this collection a psychological coherence and consistency which enhances the charm of each separate article.—*Nation*.

*Who's Who, 1899.* An Annual Biographical Dictionary. Edited by Douglas Sladen. The Macmillan Company.

This indispensable guide to living celebrities is brought out this year on about the same lines which have made it so useful heretofore, and not so much with especially new features as with an expansion and readjustment of the old. The whole work is, however, considerably enlarged and made more valuable as a book of reference. More than 1,500 new biographies are added to Part II., and not less than 650 new examples to the table of peculiarly pronounced proper names in Part I. The door has been set ajar, at least to American biographies. Instead of reserving the lists exclusively for Britons, several hundreds of Americans are this year included.

Three new tables of importance have been added, two of which are in the same line as the ones just named above. Those three are, first, a list of the principal people engaged in conducting the institutions of the country outside the Government or Ministry. The next is a table of the great American railways. The third is a table of the great American newspapers. We believe that in this new edition *Who's Who* is better and more distinctly indispensable than ever.

*Recollections of the Civil War.* By Charles A. Dana. D. Appleton & Co.

The late Charles A. Dana's *Recollections* which have already been issued as a serial, make a very interesting book. Mr. Dana was not only an assistant secretary under Stanton, but he was the latter's confidential emissary in the field. For example, he was with Grant before Vicksburg, and gives a most interesting account of that famous siege. He was also with the Army of the Cumberland, and saw the fighting around Chattanooga, and again with Grant in his manœuvres against Lee in 1864. Other topics of importance are "The War Department in War times" and "Abraham Lincoln and his Cabinet." Mr. Dana most impresses us by his marked power of reading men's characters. His book is full of excellent pen-sketches (not portraits), in which a word or sentence flash the inevitable truth upon one just as a single line sometimes does when it happens to come from the pencil of a great draftsman.—*Churchman*.

*Instinct and Reason.* By Henry Rutgers Marshall, M.A. The Macmillan Company.

We have here what is called modestly by its author an "Essay," but which is rather a highly elaborate work, concerning the relation of instinct to reason, combined with a special study of the nature of religion. In fact, the book was primarily conceived with a view of demonstrating the writer's religious theories. In the complete work this division singularly takes a subsidiary place, showing how evolution may result in the most careful literary analysis. The development came about through the necessity laid upon Mr. Marshall, in order to make his argument the more convincing, to deal with questions which did not at the beginning appear to relate to his theme.

For all this our author's attempt to outline a theory which will account for the existence of religious activities remains the most interesting and important matter in this work. That theory, briefly, is that activities which express our religious life, so universal in man, cannot fail to be of significance in relation to our biological development. Thus reason and instinct are brought directly into the field and, as our author says, are made to explain the biological import of religious activities. And thus Mr. Marshall says he has thought it best to make a particular study of instinct, which naturally leads to the study of impulse, whence we tend logically to the nature of moral standards, which in turn is found to be closely related to religion. The appropriateness of the relation of reason and religion is no less evident, and thus the varied elements of this work range logically together. The writer does not go fully into discussion concerning the genesis of religious customs and beliefs, not finding them necessary to the completeness of his argument. He says he is not without hope that apart from their relation to religious problems the considerations concerning instinct and belief

may be of value to the psychologist. With this general view it need only be further stated that each division of reason, instinct and impulse is subdivided and worked up with most scientific thoroughness. The very last word appears to have been spoken on each of these subjects, and the result is a book of which American scholarship may be justly proud.—*Evening Telegraph*.

*The Story of Photography.* By Alfred T. Story. The Library of Useful Stories. D. Appleton & Co.

In this little book of 165 pages, which can be carried in the pocket, the author has gathered together an epitome of the gradual development of photography from the early attempts of Schultze in 1727 to the present day. The experiments of Wedgwood and Davy, Niépce, Daguerre, Fox, Talbot and St. Victor are given at length. An account of the usual printing processes, of photo-block printing and reproduction processes for illustrating, are included; also the recent application of the X-ray and the kinesiograph. There is just enough of physics and optics to enable the lay reader to form a good idea of the principles on which photography is based. *The Story of Photography* reads easily and pleasantly, and it is doubtful if elsewhere in so small a compass can be found as comprehensive a description of an art that has so wide and varied applications. It will, undoubtedly, form a desirable addition to many private libraries.—*Science*.

*The Cuban and Porto Rican Campaigns.* By Richard Harding Davis. 12mo, pp. 360. Charles Scribner's Sons.

None of the contemporary writers on incidents of the war are better known than Mr. Richard Harding Davis, whose articles in *Scribner's Magazine* are now reprinted in the volume before us. Mr. Davis is always a capital reporter. What he sees comes to us as something fresh, even if we have seen it before. And this valuable quality makes his pictures of the army and the battle scenes, in the midst of which he himself moved, remarkably vivid and readable. The present volume opens with a chapter which notes "The First Shot of the War," and follows the two campaigns closely to the dramatic moment when our soldiers were intrenched before Guayama in Porto Rico, when the shell was in the chamber, the gunner had aimed the piece and had run backward, but when, before it spoke, a lieutenant of the signal corps galloped up to the scene and shrieked, "Cease firing! Peace has been declared!" "Whereat," says Mr. Davis, "the men swore." Mr. Davis' story, partly from his skill in telling it, partly from the fact that he was among the few correspondents to reach the thick of practically every engagement in the two campaigns, never flags for a moment in interest. The readable quality of the book is increased, too, by a refrain from any attempt to be statistical or tech-

nical. It is frankly a record of what Mr. Davis saw and heard in the field of battle, on the march, in camp, and in the company of the officers, correspondents and foreign *attachés*. The many illustrations are from snapshots from the camera.—*Review of Reviews*.

*Our Navy in the War with Spain.* By John R. Spears. Charles Scribner's Sons.

Mr. John R. Spears is very well known indeed as a writer on naval subjects, best known of course from his recently published four-volume "History of the United States Navy." The present volume aims to give "an account in every way truthful of those events of our war with Spain in which our navy had a part." Mr. Spears is peculiarly conscientious in whatever he writes about, and readers of this book may take it for granted that whatever he has to say is as accurate as may be. In addition to the events of the war Mr. Spears views briefly the incidents in the history of Cuba that compelled the United States to interfere, and also gives a very excellent account of the growth of the United States navy from the inception of the "White Squadron." The volume is illustrated with pictures of the vessels of our navy, the notable officers of our fleet, and several maps. The timeliness of the book is illustrated in the final chapter, in which Mr. Spears discusses the new naval programme of the United States. In this part of his work he expresses a very decided opinion that we ought to make the Naval Academy free to all American boys who could pass the examination, and would serve in the navy before the mast, as need required, a reasonable number of years.—*Review of Reviews*.

*Reprint of the Squadron Bulletins of the North Atlantic Squadron.* With an Introduction by Rear Admiral Sampson. Doubleday & McClure Company.

The Doubleday & McClure Co. have made an unpretentious but worthy addition to the literature of the war by neatly reprinting in paper covers the squadron bulletin of the North Atlantic squadron, with an introduction by Rear Admiral Sampson. These bulletins were first published on board the United States Flagship, New York, on June 14, 1898, when the majority of the North Atlantic fleet was engaged in monotonously blockading Santiago. To relieve somewhat the dull round of blockading duty, and to enable the officers and men of the fleet to learn something of the daily progress of the war, the bulletins were issued. The little volume will be valuable for many reference purposes. Rear Admiral Sampson states in his introduction that whatever profit may come from the sale of the brochure will be donated to the proposed Sailor's Rest in Brooklyn.—*Review of Reviews*.

*Petroleum Motor Cars.* By Louis Lockert. D. Van Nostrand Co.

As the name implies the book is a thoroughly

practical treatise, giving in plain language the suggestions, and under the several headings. These are grouped in twenty chapters commencing with the future of auto-locomotion, then in turn comes the motor carriages, direct combustion engines, gas and gas engines, petroleum and petroleum motors, the first petroleum cars, the new petroleum burners, the serpollet car, motor bicycles, etc., followed with a description of the different types of motors and carriages and name of inventor. Concluding with acetylene as a motor, liquid or gaseous. This book will be of great aid to those who are directly interested in or have charge of auto-motor cars.—*Practical Engineer*.

*Les Populations Finnoises des Bassins de la Volga et de la Kama.* Par Jean N. Smirnov. Études d'ethnographie historique traduites du russe et revues par Paul Boyer. Première Partie. Paris: Leroux.

We have here a very solid contribution to the ethnology and folk lore of the Finnish races. To the majority of readers this subject is a *terra incognita*, for the most valuable works upon it have appeared in sealed languages. The Magyars naturally feel a considerable curiosity about the language and customs of their congeners, and Russia counts among her population a great number of Ugro-Finnish tribes—the Fins proper, the Estonians, the Tcheremissians, Mordvins, Ziranians, etc. In the field of philology the best work done (by Castrén, Ahlqvist, Hunfalvy, Donner, and others) must be sought in the Transactions of Russian and Hungarian learned societies and reviews. It was, therefore, a happy idea of M. Paul Boyer, professor in L'École des Langues Orientales at Paris, to make some of these works accessible to a wider circle of readers. But he has done more than translate on the present occasion from the Transactions of the Society of Archaeology, History and Ethnography in connection with the University of Kazan. He has put into shape and reduced to order a quantity of materials which had been published in a somewhat confused manner. Possessing those gifts of style which seem indigenous in his countrymen, he has made a very readable book, for which all folklorists and ethnologists owe him a debt of gratitude.—*Nation*.

*Messages and Papers of the Presidents.* Edited by Hon. James D. Richardson.

We have before us the eighth volume of the useful compilation entitled *Messages and Papers of the Presidents*, undertaken under the authority of Congress by the Hon. James D. Richardson, a Representative from the State of Tennessee. This volume covers the Garfield and Arthur term and Mr. Cleveland's first administration; that is to say, the period extends from March 4, 1881, to March 4, 1889. Of the 850 pages, more than 550 are occupied by Mr.

Cleveland's papers, which have required more space than those of any other Chief Magistrate, Andrew Johnson being next with 457 pages. Among the interesting and important documents which are here set forth should be particularly mentioned the discussion of the treaty which President Arthur concluded with the republic of Nicaragua, but which was subsequently withdrawn by President Cleveland; the message in which Mr. Cleveland declined the Senate's request that the reasons for the suspension of certain officials should be communicated to that body; and, lastly, his annual message of December, 1887, which was exclusively devoted to the tariff. The reader will again have occasion to thank the editor of these volumes for the brief biographical sketches of the Presidents whose papers are presented. These sketches are models of condensation, and we shall avail ourselves of them for the purpose of recalling the cardinal facts in the lives of these three Presidents.—*New York Sun*.

*Short History of Switzerland.* By Karl Dändliker. Translated by E. Salisbury. The Macmillan Company.

This is a short history of Switzerland, but it is complete and admirably told. It is not necessary to review it at length, for Dr. Dändliker's historical work is well known by all who have taken any interest in the history of Switzerland. It will be sufficient, perhaps, to say that the present volume is not a reprint of the author's "Manual of the History of the Swiss People." Dr. Dändliker permitted that work to go out of print while he was engaged on his larger history in three volumes. The present work is a shorter account of the larger work, and differs in some important respects from the earlier volume. The work is an excellent handbook, and is doubtless of great value as a school book for Switzerland. Anywhere else, naturally, it would be out of proportion to the relative value of the subject in a scholastic course, but it is an important book of ready references and an excellent source of information to those who wish a correct but not too intimate and detailed a knowledge of Swiss History. The greatest value of such a book as this is, of course, its trustworthiness, and of that essential element of Dr. Dändliker's work there is no necessity of assuring the historical student.—*Literature*.

*The Fourteenth Article of Amendment to the Constitution of the United States.* By William T. Guthrie. Little, Brown & Co.

The fact that educational and property qualifications for the suffrage are imposed in some of the Southern States and are likely to be adopted in others gives timeliness and usefulness to the publication in book form of the lectures delivered last year before the Dwight Alumni Association on the *Fourteenth Article of Amendment to the Constitution of the United States*, by William T.

Gathrie (Little, Brown & Co.). In the discussion of his subject the author has confined himself almost exclusively to cases decided by the Supreme Court of the United States, the tribunal by which all questions of individual liberty and property rights are now finally determined. The topics expounded are grouped under five heads, according as they relate to the history of the Fourteenth Amendment, to the principles of its construction and interpretation, to the embodiment of equality in our written Constitution by means of that amendment, to the significance of the phrase "due process of law," and to the rules of practice in conformity with which questions arising under this amendment must be raised.

The far reaching and epoch making character of the Fourteenth Amendment is set forth clearly and forcibly in the preliminary lecture. Mr. Gathrie does not hesitate to assert that our constitutional history during the last thirty years may be said almost to be little more than a commentary on this amendment, which has done more than any other agency to protect our civil rights from encroachment, to strengthen the bonds of the Union, to make the United States truly a nation and to assure the perpetuity of our institutions.—*New York Sun*.

*John and Sebastian Cabot.* By C. Raymond Beazley. Builders of Great Britain Series. Longmans, Green & Co.

The late commemoration of the momentous Cabot voyages has done much to right an old wrong. The title of the present work points to the rectification. We used to hear much of Sebastian, the son, and little of John, the father. The pendulum has swung round, and the tendency of modern investigators is to take away all the credit from the son, and to call him a mean, dishonest braggart and pretender. Mr. Beazley holds the balance fairly, and insists on our receiving whatever evidence there is of Sebastian's materially helping in the discovery of the New World. "It is difficult," he says, "to believe that he could have enjoyed—to so remarkable a degree as he did—the confidence of Henry VIII., of Cardinal Wolsey, of Ferdinand the Catholic, of Charles V., of Edward VI., and his chief advisers of the Republic of Venice—if he was simply the clever, but absolutely empty humbug which he has been represented." But that he was unfilial, a double-dealer, and on occasions purposely inaccurate there is no doubt at all. Mr. Beazley's book, however, is not mainly taken up with this controversy. It is the most complete, the most scientific account of the joint work of the Cabots and of their predecessors that has yet appeared. It strikes us as the ablest work in this useful series; and it is absolutely indispensable to all students of historical geography.—*Bookman*.

*A History of Spanish Literature.* By James Fitzmaurice Kelly. D Appleton & Co.

For the first time a survey of Spanish literature

is presented to English readers by a writer of ample knowledge and keen discrimination. Mr. Kelly's work rises far beyond the level of the text-books. So good a critic does not merely comment on literature; he makes it himself. We still owe gratitude to the industrious Ticknor, our first guide to the world of Spanish letters; but Ticknor had the bluntness of judgment and the lack of all sense of proportion common to most early enthusiasts. Mr. Kelly's book is far more critical than Ticknor's, more selective, more independent. So independent, in fact, is it that established reputations are tested as fiercely as if they were mere *parvenus*; and now and again there is an unnecessary truculence in the onslaughts. "The school is decently interred," he says, "which mistook critics for Civil Service Commissioners, and Parnassus for Burlington House." So much for Ticknor and his peers. One must frequently feel a measure of sympathy with his indignation, though much zeal, not all of it useless, is spurned away in such words as, "There has come into being a tribe of ignorant fakirs, assuming the title of 'Cervantophiles,' and seeking to convert a man of genius into a common Mumbo-Jumbo." Generally we are not concerned to defend, nor to repudiate, but only to enjoy the vigor of his expression. Let him call Sordello "a mere bilk and blackmailer with the gift of song," if he will. His own words descriptive of Alas as a critic are applicable to himself—"he is righteously, splendidly intolerant of a pretender, a mountebank or a dullard." Mr. Kelly may not be the man to write the model school text-book, but he can make Spanish literature a living interest to his readers.—*The Bookman*.

*Egypt in 1898.* By G. W. Steevens, Author of "With the Conquering Turk." Dodd, Mead & Co.

We have had so much substantial information on Egypt (every traveler feels obliged to go into its history from Rameses down, and gives details of its wonderful development) that it is a positive relief to get hold of such a breezy book as this. The breeze, too, has the advantage of clearing away many of the mists, and giving things and men in their true perspective. Mr. Steevens is a singularly picturesque writer, as it behooves a successful war correspondent to be, and has, too, that keen perception, also a characteristic of the class, which enables him to see clear into a situation. Starting with the P. and O. Express, he goes in search first of the East and then of Egypt, and finds them in the most quaint and unexpected yet very real places. Then he tackles the Egyptian Constitution and finds it a rather topsy-turvy affair, talks with pashas, an Arabic editor, and rattles along up the hill in an omnibus train, shivering in a long overcoat. He visits schools, gets lost in the desert, sleeps in a monastery, discusses the Sudan and Lord Cromer, and just as he hopes to get

back home is ordered up (south) to Assouan, and finally comes to the very English conclusion—for is he not an Englishman?—that “the whole world knows in its heart that we are staying in Egypt; and the whole world, in its sleeve, is very well satisfied.” It is a thoroughly readable, reliable book.—*Independent*.

*The Master of the Strong Hearts: A Story of Custer's Last Rally.* By Elbridge S. Brooks. E. P. Dutton & Co.

Mr. Elbridge S. Brooks has a happy faculty; he can tell a story well and at the same time keep close to a chosen historical outline. His books are excellently instructive, while of genuine interest as fiction pure and simple. Young people, especially boys, will find this romance of Custer's celebrated and tragic fight thoroughly engaging from beginning to end. The publishers have given an attractive dress to the story. Many illustrations by William M. Cary add to the beauty and interest.—*Independent*.

*The Standard of Life.* By Mrs. Bernard Bosanquet. The Macmillan Company.

In 1896 The Macmillan Company issued a book entitled “Rich and Poor,” By Mrs. Bernard Bosanquet. All readers, whether they agreed with the writer's conclusions or not, must have been impressed by her fairmindedness, her thorough knowledge of the conditions governing the lives of the poor, and the inevitable results of those conditions on the minds of the poor. The same house has just issued another volume, dealing with the social and economic relations of the poor man's family, by Mrs. Bosanquet, entitled *The Standard of Life*. In this book the author endeavors to prove, and does prove, the importance of the standard of life as the basis of economic and social progress. The expenditures of the agricultural laborer and the relation to his income; the results of food on the working powers of the laborer; the effect of privation—that is, the absence of pleasure, except in its lowest forms, on the mental and moral nature of the laborer—are known to this writer, who has studied them under many conditions, and contrasts them and their character-effects. The author accepts the fact that, except the lowest residuum, every man has a standard of life in morals, comfort, environment. He struggles to attain and maintain this standard, and this is his measure of progress. Every page of both of these books is interesting and educational. The writer never forgets for a moment the important fact that in all sociological investigation of human nature environment is a factor almost dominant in the formation of character. It is this broad conception and unprejudiced investigation that gives Mrs. Bosanquet's books their value to the student and worker among the poor.—*The Outlook*.

*American Prose.* Edited by Professor George Rice Carpenter. The Macmillan Company.

Professor Geo. R. Carpenter, of Columbia University, has prepared and published, through a volume of selections from *American Prose*, on the general plan so successfully worked out in Mr. Ward's “English Poets.” That is to say, extracts of reasonable length from the work of the American prose writers are presented, with a critical essay and a brief biographical sketch. The result is something more than a consecutus of the best known prose; it is a demonstration, from our own literature, of the evolution of literary style, and a history of the literary movement in this country. The book has its use, therefore, alike for the general reader and for the student. It brings to both, within a very moderate compass, not only illustration of American prose, but a body of thoroughly competent and discriminating criticism. Among the well-known American writers who have contributed critiques to this volume are Professor Trent, Professor Munroe Smith, Barrett Wendell, Edward Everett Hale, Jr., Colonel Higginson, Brander Mathews, Professor Richardson, Professor Charles Eliot Norton, Professor L. E. Gates, Mr. Howells and John Fiske. The editorial work (and in such a case that is practically the entire work) is thoroughly well done; and it is safe to predict that the volume will take its place among the small group of standard textbooks.—*The Outlook*.

*Ingoldsby Legends.* With colored illustrations by Rackham. The Macmillan Company.

If there is one book, more than any other, which ought to be printed every year for the holidays it is that good old book in which Rev. Richard Harris Barham proved that Sydney Smith was not the only clergyman who could add to the gayety of nations. It is a rare holiday volume, because it is a jolly production in the very fullest sense of that term. The *Ingoldsby Legends* make you laugh with all your might. There is no subtlety about them. The fun is broad blown and furious; it has a rich, wholesome, earthy flavor, without a grain of malice in it. And the verse is, in its way, perfect. Barham raised doggerel almost to the level of poetic art. As he writes it, it has a swing which at times is very nearly akin to the musical trot of a good ballad. Furthermore, what this rollicking minstrel sees or thinks or invents he puts into lines as clear as they are elastic. He is easy to read, perhaps the easiest of all the writers who deal with curious legends, for, no matter how curious these may be, he treats them with the vigor and simplicity of a man breathing the air of out-of-doors and enjoying his task in the heartiest manner. We think Mr. Rackham might have got more of this freshness and force into his drawings, but he is tolerably spirited, and nearly always designs with a sense of humor. Best of all, the new edition for which he has provided his many pictures is handsomely printed and made with a first-rate cover.—*New York Tribune*.

*Lamia's Winter Quarters.* By Alfred Austin, Poet Laureate. Macmillan.

It might seem at first sight but a left-handed compliment to a poet to assign the highest place among his writings to his prose works. But it is, nevertheless, a compliment which, in perfect good faith and with no suspicion of irony, may be paid to Mr. Alfred Austin. "The Garden That I Love" irresistibly invited it, and *Lamia's Winter Quarters*, the sequel which the author has now given us to that most fascinating piece of prose-poetry, compels the same apparently, but not really, equivocal praise. Its imaginative atmosphere, its feeling and suggestion are, as in the case of its predecessor, in the highest degree poetic; and the grace, and wit, and wisdom of its prose narrative and colloquies are diversified by lyrics of singular sweetness and charm. The truth is that in these two productions of his later years Mr. Austin seems to us to have lighted—we are not, perhaps, justified in saying to have chanced—upon the most perfect medium for the full display of his powers. He has written much, and well, in many and various poetic styles. He has acquitted himself with credit in metrical drama, in rhymed narrative, and the lyric pure and simple; and we know, not only from his critical essays, but from incidental remarks in the very volume before us, that he laments the modern distaste for "sustained works in verse." He complains that, "if Milton lived to day, 'L'Allegro' and 'Il Penseroso' would, perhaps, still be more or less appreciated; but 'Paradise Lost' would, of a certainty, be condemned as tedious."

But, after all, and in spite of the charm of their prose setting, it is to such little gems of verse as this valedictory lyric that the reader will return:

"Good night! Now dwindle wan and low  
The embers of the afterglow,  
And slowly over leaf and lawn  
Is twilight's dewy curtain drawn.  
The slouching vixen leaves her lair,  
And, prewling, sniffs the tell-tale air.  
The frogs croak louder in the dyke,  
And all the trees seem dark alike.  
The bee is drowsing in the comb,  
The sharded beetle has gone home—  
Good night!

Good night! The hawk is in her nest,  
And the last rook hath dropped to rest.  
There is no hum, no chirp, no bleat;  
No rustle in the meadow-sweet.  
The woodbine somewhere out of sight  
Sweetens the loneliness of night.  
The Sister Stars that once were seven  
Mourn for their missing mate in Heaven,  
The poppy's fair trail petals close,  
The lily yet more languid grows,  
And dewy-dreamy droops the rose—  
Good night!"

What a pity that a poet who can write like that should ever be compelled by official duty, and *disis vota exandita malignis*, to write anything else!—*Literature.*

*University Addresses.* By Principal Caird. The Macmillan Company.

These addresses were delivered by Principal

Caird to the students of the University of Glasgow. They extend through a number of years, from 1874 to 1897, and cover a wide range of subjects: scientific, biographical and philosophical. They have, however, a unity of spirit and attention, all of them bearing upon university education. Some of them are eloquent, other profound; all of them are characterized by a carefulness of statement, an absence of dogmatism and clear yet copious style.

In more than one of the philosophical addresses the author strongly opposes the materialistic tendencies of recent scientific thought, as shown in the writings of Huxley and Tyndall. His own belief, frequently evinced throughout this book, is a liberal optimistic and lofty deism.—*Boston Transcript.*

*Angels' Wings.* A Series of Essays on Art and its Relation to Life. By Edward Carpenter. The Macmillan Company.

This series of nine essays and three subsidiary notes deals in a broad and fairly comprehensive way with literature, music and the plastic arts in their relation to life. It is an aspect of art that escapes the attention of so many people that the book will be of value. The essay which gives the title to the volume is the least interesting of the series; discussing with no fresh illumination the solecism of wings without anatomical attachment. Far better is the treatment of "Art and Democracy," in which the author compares the works of Wagner, Millet and Whitman in reference to the new phases of development which art may be expected to undergo as a result of the spread of the democratic idea. Like some other thinkers, Mr. Carpenter is prepared for changes of form as well as of spirit. He discusses "Nature and Realism," and shows that there are three classes of material which the artist can use—that derived from nature and actual facts, that derived from physiological needs, and that from tradition and convention. The book may be heartily commended. It is earnest without being dogmatic, technical without pedantry, and proves that the author's brain and emotions are well balanced. It is not exhaustive, and in parts may not be entirely acceptable, but it is full of suggestion. It strikes the note of the new democracy fully as clearly as Tolstoi's "What is Art?" but avoids the latter's exaggeration and illogical conclusions.—*Literature.*

*Zoroaster, the Prophet of Ancient Iran.* By A. V. Williams Jackson. The Macmillan Company.

This volume by Professor Jackson of Columbia, is distinctly a valuable and helpful addition to erudite literature. The uncertainty regarding the history of Zoroaster is even more perplexing than that which obscures the careers of other Eastern religious leaders. Such elementary questions as when Zoroaster lived and where he lived have been subjects of interminable contro-



versies, and the difficulties in the way of a popular presentation of the matter are, therefore, numerous and entangling. Professor Jackson seeks to embody all that is of interest to the general reader in the first half of this volume, and to relegate what is of a purely technical nature to a series of "Appendixes," which constitutes the second half. These "Appendixes" present a formidably polyglot appearance, but bring into a convenient compass a vast amount of valuable material. Great labor and scholarly care are evident in every part of the work, and especially in the abundance of references.

The doctrine of a bodily resurrection is not the only point of agreement which the author finds between the religion of Christ and that of Zoroaster, but a more striking comparison is instituted between the teachings of Buddha and the tenets of the Persian prophet. In the light of the distinctions drawn between them, the faith of Zoroaster appears active and combative, as opposed to the philosophical and restful creed of the Indian, and is strangely modern in its recognition of the existence of woe and evil as well as in its hope of final triumphant domination.

The necessarily heavy style of the book is lightened in many ways by the writer's aptness in drawing parallels between the history of the ancient East and that of the modern Occidental world, and a constant disposition is apparent to escape what is pedantic and merely enumerative. —*Literature.*

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*History of the People of the Netherlands.* By Petrus Johannes Blok. Translated by Oscar A. Bierstadt and Ruth Putnam. Part I. G. P. Putnam's Sons. To be completed in four volumes.

The first part of Professor Blok's complete history of the people of the Netherlands will not disappoint the expectation of those who have waited for the English translation. With the exception of the story of England and of the English people, as it has been told by the modern writers, Bishop Stubbs and by Freeman and Green, and is now being told by Gardiner, no story of a nation or a state can be so interesting to Americans as that which Professor Blok has worked out in the intervals and as the result of his duties as professor of Dutch history at the University of Leyden.

No one before Professor Blok has undertaken the task of giving to the world a complete history of the Dutch. As the translators say in their note to the American and English editions, "there are many studies on brief periods in the Netherlands, notably upon Holland in the sixteenth century, but there is no one work which treats of the gradual changes undergone by the provinces separately and collectively, from the period of Roman dominion, through the centuries of almost undisturbed independence, to

the union of the states under the Burgundian princes, and after an epoch of revolt and changes, to the time of the foundation of the kingdoms of Belgium and Holland."

We have quoted this sentence from the note of the translators not only to indicate the exceptional character of this work, but to give our readers an idea of its extent, its comprehensiveness. Our notice of the present volume must necessarily be brief, and, in some respects, therefore, unsatisfactory, but we hope to have the opportunity to return to the subject as the other volumes appear. Professor Blok has written the history of the people in the modern manner and the growth of manners, customs, modes of life, the slow progression out of self-dom to freedom, and presented with sufficient minuteness for the general reader, as well as for the information of the curious student who wishes to be put on the right track to investigate the evolution of institutions and laws. The translators seem to have done their work with care and intelligence, and the narrative in English is most entertaining. An appendix, three illuminating maps and a full index accompany the volume. —*Literature.*

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*The Bayeux Tapestry. A History and Description.* By Frank Rede Fowke. London, Macmillan & Company.

In the little museum connected with the public library of the town of Bayeux, in Normandy, is preserved a very remarkable piece of embroidery. This is more than 200 feet long, and about eighteen inches wide; a piece of linen upon which a long series of designs has been worked with the needle and in worsted. It is admitted on all hands that the subject of the embroidery is the invasion of England by Duke William, of Normandy, the details of the Battle of Hastings, and the conquest of the country. The only serious dispute is as to whether the work is absolutely contemporary with its chief actors, or is of a somewhat later epoch.

So much for the history of the piece in modern times. As to its character, its purpose, the record contained in it, the curious information it gives concerning costumes and armor—the rest of the book is devoted to it. The text from page 25 to 136 contains a description of each picture which has been selected by the author from the continuous band of decoration. Then follows an index, and then a series of seventy-nine half-tone plates, reproducing with some success, and on a scale of two ninths of the original, the parts which, as above stated, were selected for analysis. The volume, therefore, is a piece of history of singular value to those who have not ready access to larger and fuller reproductions, or to the piece itself, and it also serves as a very faithful and fairly complete guidebook for the famous embroidery. —*Nation.*

## EDUCATIONAL.

The Macmillans have issued a scholarly edition of *Nathan der Weise* (New York, 60 cents) and the American Book Company has added to its series *Minna von Barnhelm* (New York, 50 cents), in a form that has nothing but cheapness to commend it over what we have had for years. The Macmillans send us also Goethe's *Egmont* (New York, 60 cents), edited with his usual minute accuracy by Professor Primer, of the University of Texas, and furnished with reproductions of old paintings that add greatly to the value and interest of the book.—*Journal of Education*.

*Matter, Energy, Force and Work.* By Silas W. Holman. The Macmillan Company.

Professor Holman here addresses students and teachers of physics and chemistry on the concepts and definitions of physical science. Some knowledge of the experimental side of the subject and its phenomena and laws is assumed, and the logical expression and sequence of the ideas put forward should prove of great value to engineers, and others who have to apply physical and chemical knowledge, in enabling them to think clearly when dealing with the fundamental ideas on which all successful practice must be based. The book is divided into two parts: the first is concerned with a consideration of matter, motion, energy, force and work; the second with the kinetic theory of gases, Le Sage's theory of gravitation, the vortex-atom theory, and the nature of energy and matter. Professor Holman describes the first part as "a sporadic attempt at clear, consecutive setting forth of individual thought," the second as intended "to give more concreteness to the concepts than could properly be introduced into the first part." The volume deserves to be widely read.—*Nature*.

*The Mason School Music Course.* Book Two. Luther Whiting Mason, Fred H. Butterfield and Osbourne McConathy. Ginn & Co.

Although this book is a complement to book one, it is complete in itself, and is admirably adapted to the teaching of the fundamental principles of music in an ungraded school, or, indeed, in any grade in which music has not been taught. The book will be used with greater ease, however, when book one has been taught.

The plan of the book is to have a few songs learned by note, such as "America," "Old Hundred," "Sun of My Soul," and "Song of the Birds." The teaching of the scale is then provided for, and very simple exercises on the scale. From the first the exercises are songs, with words to follow the teaching of the notes. The progress is graded, but the progress is rapid. The book provides a large number of songs for

school use, and teaches all the important technique of music.—*Journal of Education*.

*The Student's Life of Jesus.* By Professor G. H. Gilbert, of the Chicago Theological Seminary. The Macmillan Company.

*The Student's Life of Jesus* stands apart in a class by itself from the lives of Christ commonly read. It is a compact and predominantly critical presentation of historical facts in clear distinction from devotional lessons or theological discussions. As such, it is specially adapted to the needs of students, as its title implies, and is a valuable addition to their existing apparatus for Biblical study. While conservative in its conclusions upon mooted points, it is conspicuously free from theological bias. It does not hesitate to admit that the Gospel records are not in every part of equal historic value, or that there have been "unconscious or even designed alterations" of the primitive oral tradition, or that the Virgin Birth (the historicity of which is maintained) is in no necessary connection with the divinity of Christ. Professor Gilbert takes account of all critical objections, and strongly maintains the historical trustworthiness of the four evangelists. But he reminds us that the Christ is infinitely greater than the written Gospel. "The power of Christianity is His spiritual presence, and not the inspiration or the infallibility of the story of His earthly life."—*Outlook*.

*A Study of a Child.* By Louise E. Hogan. With 500 Original Drawings by the Child. Harper & Brothers.

This is one of the best records of child's life that has been published. In several particulars it is more valuable than the famous "First Three Years of Childhood," by Perez, or Preyer's elaborate study of the development of the infant mind. In one respect it has special advantages in that it covers a longer period. It is a seven years' diary of child's natural growth, showing how he learned to talk, read, write, add, etc., without direct teaching, and how, incidentally, the cultivation of obedience, trust and other necessary attributes of healthy growth in childhood were influenced. The collection of colored frontispieces, drawings and cuttings, of which there are over 500, originated in the child's mind, as the result of his activity. They are accompanied by the child's explanations, and, in many instances, are interesting and thoughtful.

The Journal will abstract the book at an early day for such as think they cannot purchase it, but such an abstract will be no adequate presentation of the work, which is one of the best pedagogical books ever published, it is almost literally the best work on pedagogy yet prepared in America.

There is quite an element of fun throughout the book. The results of the child's study of home, from an educational standpoint, are given

in the introduction, with sufficient clearness and authority to convince the most sceptical of the practical value of child study. But this view of the study in question is not the most prominent feature of the book. The fascination of watching the gradual unfolding of the little mind instantly seizes the reader, as the story so simply, without suggesting any of the hothouse methods so often producing the hybrid. We have all noticed and been impressed, almost startled, by unexpected bits of intelligence, but no one has given a complete and natural record of a child's inner life before.

Each year marks the growth, step by step, and almost every phase of child life is taken up under one condition or another in this book in a practical way. Any word that can be said by us to encourage the reading of this book will be a service to the cause of better education.—*Journal of Education*.

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*History of California.* By Theodore H. Hittell. San Francisco, N. J. Stone & Co. Four volumes.

The completion of Mr. Hittell's interesting history is a literary event of importance to all students, especially in these days of territorial expansion. Those who wish to know more about Spanish methods of governing colonies, and also about American methods of dealing with people of Spanish stock, will do well to refresh their memories of the California records. Mr. Hittell's first two volumes were duly reviewed in these columns in March and July, 1886. The two volumes since added carry the story to the close of Governor Bartlett's administration in 1887, with allusions to events as late as 1895. The fourth volume concludes with a

very complete general index of 134 pages. It is evident that Mr. Hittell has done much and faithful work for many years upon his book, which probably represents the largest result yet obtained by any one man's unaided work in historical writing about California.—*Nation*.

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*Macaulay's Essay on Milton.* Edited by Chas. Wallace French, Principal Hyde Park High School, Chicago. The Macmillan Company.

The Macmillan Company have published Macaulay's famous essay on Milton in an attractive little volume of convenient size to slip into the pocket. There are few of Macaulay's essays which present a richer field for investigation and study than this criticism of Milton, which was written for the *Edinburgh Review* when the author was fresh from college, his judgment yet immature, and which contains much that the writer would not have approved at a later period. Yet, as a fervent personal plea for a poet and man of whom the English people at that time knew little and cared less, the essay on Milton has been prescribed by the Joint Committee on English Requirements as a part of the course for admission to college. The little volume contains the original introduction, a biographical sketch of Macaulay, the "Literary History of Macaulay's Age," a list of prominent authors who were contemporary with Macaulay, some suggestions for the student, and a list of Macaulay's prose writings with the date of their publication, and a list of his poems. There are also at the end of the volume copious explanatory notes and an index. The admirable little volume has been edited and annotated by Charles Wallace French, principal of the Hyde Park High School, Chicago.—*Journal of Education*.

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A volume of sermons uniform with the author's University addresses issued a few weeks ago. A photogravure portrait forms the frontispiece. The volume, like the earlier one, has been prepared for the press by the author's brother, Edward Caird.

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It has for some time been Mr. Sullivan's desire to illustrate *Sartor Resartus*. Readers familiar with his illustrations for *The Compleat Angler*, *Tom Brown's School Days*, and Sheridan's *Comedies* will be surprised at the change of style exhibited in these drawings. His former work has been quite largely in line, but these illustrations exhibit a strength and virility quite surprising, coming from one whose work has been in a much more delicate manner. The printing was done at the Chiswick Press, and the binding is unusually handsome.

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# Book Reviews



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## THE RETURN TO NATURE.

LESS than fifty years ago one of the leading school-book houses in the United States published a work entitled "The Book of Nature. An Elementary Introduction to the Sciences of Physics, Astronomy, Chemistry, Mineralogy, Geology, Botany, Zoölogy and Physiology." It was a translation from German, and was issued in all seriousness as a science text for American schools and colleges. A partial conception of the delight to be obtained in studying nature through the medium of this book may be gained from these definitions of Botany and Zoölogy: "Botany," we are gravely told, "is that branch of natural science which treats of such natural objects as are diverse in organization, like animals; but unlike these are incapable of spontaneous motion. The diversity of their organization consists in this, namely, that in every plant certain parts are present which display essential distinctions as well in external aspect as in internal structure." Even more enlightening is this other definition: "Zoölogy is that branch of natural science which treats of natural objects which are endowed with the capability of self-nourishment, of sensation, and of external spontaneous movement. Such objects are called animals, and the science which describes their organization, etc., is called Zoölogy."

With such definitions as starting points—and in that day the definition was the starting point—one is not surprised to find the study of these subjects made a study of words rather than of things—the study of a mass of definition and classification which is of value chiefly as memory drill, and on the completion of which one is little likely to have any real knowledge of living beings. The only redeeming feature of the scheme of education which included such travesties of natural science was that they were not introduced into the curriculum until the academy or college was reached, so that their blighting influence was not exerted on the younger minds.

No more striking conception of the change which has taken place in our attitude toward the natural sciences could be obtained than by comparing the books designed for popular instruction upon this subject published during the first decade of the present half century, with those issued during the eight years which have passed of this last decade. Only thirty years intervened between the two periods, yet in many respects the change is almost as great as that which took place in the long ages between Aristotle and Darwin. In the earlier period these books dealt chiefly with generalities rather than with particular things. If a natural history was published it included the animals of the whole world, usually with more attention to those of foreign regions than those of the home country. The consequence was a profound ignorance on the

part of the great majority of people regarding the animals and plants with which they came in daily contact.

Yet, notwithstanding the education which tended so greatly away from nature, here and there a desire was expressed for a fuller and more precise knowledge. Carlyle has told us that it was one of his constant regrets that "no schoolmaster of mine had a knowledge of natural history, so far, at least, as to have taught me the grasses that grow by the wayside, and the little winged and wingless neighbors that are continually meeting me with a salutation that I cannot answer, as things are." And a few born naturalists had devoted themselves to the natural history of the region in which they lived, as White, of Selborne, in general phases of the subject, and Audubon, Nuttall, Wilson, Say, Harris, Fitch and others in its special phases. But the works of these writers appealed to the few rather than the many—to those whose taste for natural history the most adverse educational conditions were unable to destroy.

An example of the progress which this short period has brought about is shown in the remarkable group of Nature books published during the last few months. Indeed it is probable that never before in a single year have so many notable popular books concerning nature in its living aspects been issued as during 1898. And the sale of these books has shown a wide appreciation of this sort of literature which may fairly be taken to indicate on a part of a portion of our people a return to nature for amusement as well as for serious study and inspiration of soul.

Books which appeal to young people are in a sense the most important element in nature literature: they reach the soul before it is warped by social convention, when sympathy for the outer world is natural and spontaneous. Few works of this kind have met with more deserved success than Mrs. Mabel Osgood Wright's *Citizen Bird*, by means of which thousands of young Americans were made acquainted with our native birds in a most entertaining manner. Mrs. Wright has now given them an opportunity to extend their acquaintance to the citizens in fur: In *Four-Footed Americans and their Kin*\* she has written a book which does for the mammals what *Citizen Bird* did for the birds—a book which is certain to be read with eager interest by thousands of boys and girls, as well as by many an older person in whom the spirit of youth survives the passing years. The scene of this story is laid at the same orchard farm as the other; the time is from fall until spring; and the characters include the same genial naturalist, Dr. Roy Hunter, and his interesting group of relatives and friends. The adventures of the young people in quest of a knowledge of American mammals are recorded in a delightful manner, while the illustrations by Mr. Thompson are marvelous delineations of living animals in the midst of their daily or nightly occupations. The treatment not only includes the animals now found, but also those which have practically disappeared from our continent. It would be hard to find a book on nature better suited to be placed in the hands of a healthy boy or girl in town or country.

Another book on birds which has been widely welcomed is *Bird Neighbors*, by Neltje Blanchan. In *Birds that Hunt and are Hunted*† the same author produces a companion volume in which the life-histories of one hundred and seventy birds of prey, game birds and water fowl are discussed in a simple and readable style. There is an introductory chapter by Mr. G. O. Shields, the well-known authority on outdoor sports

\**Four-Footed Americans and Their Kin*. By Mabel Osgood Wright. Edited by Frank M. Chapman. Illustrated by Ernest Seton Thompson. The Macmillan Company.

†*Birds that Hunt and are Hunted*. By Neltje Blanchan. With introduction by G. O. Shields (Coquina). And forty-eight colored plates. Doubleday, McClure Company.

who writes under the pen-name Coquina. The common and scientific names of each species are given, with short descriptions of both sexes, together with a summary of the range and seasonal distribution. As in *Bird Neighbors* the pictures, reproduced by the new color photographic process, are very attractive as well as surprisingly accurate. After so many books dealing chiefly with the identifying of species, one of this kind that harks back to the method of Audubon, Nuttall and Wilson in giving full biographies is very welcome—all the more so that the author shows not only a first-hand knowledge of the birds but also a lively appreciation of their economic and æsthetic value, as well as an intimate acquaintance with literature in the larger sense wherever it touches upon the feathered world.

Every experienced entomologist has been repeatedly asked to recommend some book by means of which the student could determine the insects he collects. And the answers have necessarily been disappointing. The naming of insects in general is too great a task for even the professional entomologist to undertake: there are so many groups, and such myriads of species that a man must be content to select one or more groups for his specialty. Even in selected groups, however, the books that could be put into the hands of the beginner with the expectation that he should successfully identify his specimens are rare. More works of this kind have been published concerning butterflies than any other group of insects, but none of them is likely to be received with such general favor as the one by Dr. W. J. Holland, recently issued, in which the resources of the color printer have been added to the author's thorough knowledge and long experience to produce a volume that by its title may justly claim to be the *The Butterfly Book*.<sup>\*</sup> What strikes one first on opening the volume is the beauty of the color plates, and what impresses one more and more as the plates are studied and compared with the butterflies they represent, is the marvelous accuracy with which the colors have been rendered by the photo-mechanical process. It hardly seems possible that the various tints and sheens on the wings of these exquisite and fragile creatures should be reproduced by such a process, but here are forty-eight plates representing hundreds of species and varieties with a fidelity which enables the veriest tyro to identify his specimens by simple comparison. So far as the color printing process has been applied to natural history these plates justify the publishers in the assertion that "they represent the highest mark yet reached by color photography." In the letter press there are descriptions of nearly all the North American species, including the earlier stages where these are known, together with characterizations of genera, sub-families and families, as well as introductory chapters on the Life-history and Anatomy of Butterflies, the Capture, Preparation and Preservation of Specimens, and Books about North American Butterflies. Scattered through the book there are also a score of interesting and entertaining Digressions and Quotations. Altogether the volume is admirable and must greatly promote in a scientific spirit the development of the study of a delightful phase of natural history.

A large proportion of the American entomologists now pursuing their favorite study are indebted to two books for the help and inspiration which enabled them to acquire any adequate knowledge of the insect world. These books are Harris's *Insects Injurious to Vegetation*, and Packard's *Guide to the Study of Insects*. For more than twenty years the latter volume was the standard work on the classification of insects in this country, and only recently has it been displaced by Professor Comstock's admirable *Manual for the Study of Insects*, in which, of course, the author has been able

<sup>\*</sup> *The Butterfly Book*. By W. J. Holland. Doubleday, McClure Company.



to embody the great advances in our knowledge made since the *Guide* appeared. During recent years, however, progress in entomological science has been more and more along the line of morphology rather than of classification, but we have had no compendium of the information on this phase of the subject scattered through entomological literature in all languages. Consequently the great majority of students to whom the vast mass of this literature is not accessible were necessarily ignorant of the actual condition of the science in its morphological aspects. Here again, however, Dr. Packard has come to their assistance in his excellent *Text-book of Entomology*\*—a volume of over seven hundred pages with nearly as many illustrations, published in the admirable style of the Macmillan science texts. Part I. treats of the Morphology and Physiology of Insects, discussing by way of introduction their position in the animal kingdom and their relation to other joint-footed animals; then follows an elaborate treatment of the External and Internal Anatomy of Insects in which the comparative morphology of each part of the body is fully discussed. Part II. is devoted to the Embryology of Insects, and Part III. to their Metamorphoses. In connection with each discussion a very full bibliography is given, for which the student can hardly be sufficiently thankful; while the wealth of illustration helps greatly to an understanding of the letter-press. Of course any adequate notice of such a volume is impracticable in this connection; suffice it to say that it is as indispensable to the student of entomology to-day as the author's *Guide* was to the student of twenty years ago.

For several years the lovers of nature and of literature have been delighted by the drawings of Mr. Ernest Seton Thompson. They have seen in his pictures of birds and beasts not only the skill of an extraordinary draughtsman, but also the sympathetic interest of the naturalist and the artist, while the titles given to many of the sketches have revealed touches of the poetic fancy of the novelist. To the popular nature books published during 1898, Mr. Thompson contributed by far the most important illustrations. The plates in *Four-footed Americans* have already been noticed, although no mention was made of the author's tribute to the artist in quoting Dr. Hunter as saying that "the man who drew these knew the beast brotherhood as well as we know each other. In fact they are so true that I think Heart of Nature must have stood beside him and touched his brush and pencil." These words aptly express the feeling that one gets from a study of the pictures, while no more convincing demonstration of Mr. Thompson's knowledge of the beast brotherhood would be possible than he himself has given us in *Wild Animals I Have Known*†—a book in which he wins new laurels by becoming one of that select and fortunate company of artists who are authors and authors who are artists. There is ample evidence, however, to show that the writer is a born story-teller, with tales well worth the telling, so that there is no need for the reader to content himself with impressionistic sketches in which the short-comings of the letter-press are atoned for by the abundance of the pictures. Were there no illustrations in this book the stories would still be read with absorbing interest; nevertheless the reader is thankful for the extraordinary full-page plates and the fanciful sketches on the margins. Indeed these marginal references to the original documents on the pages of Nature's greater book form a unique feature of the volume; and one is ready to credit the quick wit of a woman with the suggestion of them, accepting the author's

\* *A Text-book of Entomology*, including the Anatomy, Physiology, Embryology and Metamorphoses of Insects. By Alpheus S. Packard, M.D., Ph.D. The Macmillan Company.

† *Wild Animals I Have Known*, And 200 Drawings. By Ernest Seton Thompson. Charles Scribner's Sons.

statement that his wife, Grace Gallatin Thompson, "is chiefly responsible for the designs of cover, title page and general makeup." But when one looks at the sketches again it becomes evident that, if the first suggestion was another's, the author-artist has carried it out in a most delightful spirit.

Mr. Thompson tells eight of these tragic stories, namely: Lobo, the King of Cur-rumpaw; Silverspot, the Story of a Crow; Raggylug, the Story of a Cottontail Rabbit; Bingo, the Story of My Dog; The Springfield Fox; The Pacing Mustang; Wully, the Story of a Yaller Dog; Redruff, the Story of the Don Valley Partridge. In each of these he has succeeded in embodying that vital spirit which was Stevenson's avowed ambition; as in no other books about animals we enter into the lives of the heroes of these tales. The only comparison that can be made is with Kipling's Jungle Books, but the latter belong to the literature of romance while the former are tales of realism. When you read of Mowgli and his wild associates you feel the absorbing charm of the writing and are fascinated by the wonderful fancy of the writer, but you know that even in the glamour of the Indian forest these things never happened, while you cannot help believing Mr. Thompson when he begins his Note to the Reader by saying *These Stories are True*. You realize that possibly each incident may have not occurred just as it is set down, but nevertheless, you know that essentially the incidents are from real life, and consequently true in the best sense. The appreciation of this fact cannot fail to give them great influence in increasing human sympathy for these fellow creatures whose lives are so full of tragedy. If we have read understandingly the story of Raggylug, the sight of a rabbit's footprint on the snow must have a fuller meaning, while the biography of Silverspot leads us to follow with greater appreciation the flight of a crow in the distant heavens. Our understanding of the possibilities for good and evil in canine existence is greatly increased by the stories of Bingo and Wully; while even the mat under our feet may acquire a new interest after learning the tragic history of the Springfield Fox and his family.

The writings of Mr. Bradford Torrey occupy a unique position in our nature literature. One of those born essayists in whom the tone of letters ever dwells, he writes professedly about birds, but there is always a delightful vein of philosophy running through his pages, while the birds are so mingled with flowers and people that it would be difficult to separate them. Perhaps more than any of his living contemporaries, Mr. Torrey lures his reader to wander under the open sky where he has found the charming titles of his books: *Birds in the Bush*; *A Rambler's Lease*; *The Foot-Path Way*; *A Florida Sketch Book*; *Spring Notes from Tennessee*; *A World of Green Hills*. What vistas of the Great Play-ground these titles bring to the mind of an out-of-doorling, and how readily he agrees with the author that "with fair weather and in a fair country walking is its own reward." But this walking is not the rapid pace of the professional pedestrian, nor the measured tread of the man taking a certain exercise for health, nor the hurried step of the tourist striving to accomplish the day's stint of sight seeing; it is rather the happy ramble of one who agrees with Stevenson that it is ever better to be on the road than to arrive at the destination:

"For who should gravely set his face  
To go to this or t'other place;  
There's nothing under Heaven so blue  
That's fairly worth the travelling to."

The road which beckons him on over the hills where perchance "the study of ornithology and anthropology may be strangely mingled" is the place for Mr. Torrey.

Along such a highway, whether he hear the music of a new bird or tickle his fancy with a strange idiom from some "human" of isolated race—an idiom which though new to him may be traceable to the time of Shakespeare—or see simply the flowers by the wayside and the beauty of the distant horizon with the hills and vales intervening he is content—for he has gone far toward reaching the point of view that eternity gives from which the little things of a day are shown in their true perspective. So it happens that even if he has journeyed from Massachusetts to North Carolina in quest of ravens, to be rewarded only by the distant sight of one which after all may have been a crow, he is able to conclude his account in this fashion:

"Here ended my raven hunt. I had enjoyed it, and would gladly have made it longer—in that respect it had been successful; but the 'collection' I was to have made, my little store of 'first-hand knowledge,' had fared but poorly. As far as ravens were concerned I was bringing home a lean bag—a brace of interrogation points."

Yet a brace of interrogation points is not so bad an equipment for a lover of the outer world. It is far better than the settled science of fifty years ago; and one of the delights of reading Mr. Torrey's essays is in learning that there is always something new for him who sees. *A World of Green Hills*\* is as full of charm as its predecessors; it takes us on delightful pilgrimages through the mountains of Virginia and North Carolina, and is a volume for the title page of which these lines from Spencer have been fittingly chosen:

"He joyes in groves and makes himself full blythe  
With sundrie flowers, in wilde fieldes gathered."

The natural history of the region about Trenton, New Jersey, has become familiar to a wide circle of readers through the writings of Dr. Charles C. Abbot, whose interesting books have been appearing with welcome regularity for several years. In *Clear Skies and Cloudy*† are to be found more than a score of essays dealing with such topics as Frost Foliage, Winter Bells, A Corvine Congress, Blunders in Bird Nesting, The Poetry of Shelter, Short Summer Days, An October Outing, In Defense of Desolation, The Charm of the Inexact, The Unlettered Learned, The Comfort of Old Clothes, Correspondents and Critics. These are varied themes, to be sure, but upon each the author finds a word to say and says it in an interesting manner. The book is dedicated "To the Amateur Naturalists," a class who receive extended recognition throughout the pages. In fact, some of the professional naturalists who may read the book are likely to be disturbed in the cock-sureness of their opinions; although the gratitude one may feel at this prospect is lessened by the thought that those who most need the information given seldom open these "literary things," as I heard a professional naturalist express it the other day. The amateur, however, will read it with delight. May their numbers increase, and none of them fear to chronicle an event which differs from the program laid down in the books. But let them be as painstaking and accurate as is Dr. Abbot, so that the newspaper reports of hoop-snakes rolling about, and dismembered branches returning of their own volition to the parent tree may speedily grow less.

In *Do Nothing Days*, ‡ Mr. Charles M. Skinner wanders over a wide territory, taking his readers from the hills of New England and the house tops of New York to the

\* *A World of Green Hills*. By Bradford Torrey. Houghton, Mifflin & Company.

† *Clear Skies and Cloudy*. By Charles C. Abbot, M. D. Philadelphia, J. B. Lippincott Co.

‡ *Do Nothing Days*. By Charles M. Skinner. Illustrated. J. B. Lippincott Co.

Bad Lands of the West in the one direction, and the continent of Europe in the other. Perhaps the chief value of Mr. Skinner's message is found in his insistence that the outer world is accessible to all. In reading the other prophets of Nature one is apt to wish for the leisure and environment which gives the soul its opportunity. Could we lodge in the wilderness as did Thoreau, or spend our days in a delightful summer house in the open of a beautiful country as does John Burroughs, or, like Bradford Torrey, run away from the east wind of Boston to the balmy spring of Carolina, or spend long days rambling in the freedom of the fields with Dr. Abbot—then surely our souls would grow within us and we should experience in some small measure the rich enjoyment depicted by these fortunate ones. But our fate is to work in shop and office, the morning hours so precious to the outdoor Rambler we must spend in buying or selling, writing or teaching—squandering our birthright for the mess of potage left daily at the kitchen door. From Mr. Skinner's writings we learn that even with exasperating limitations the greater world is accessible to all. In one of his first books he described Nature in a City Yard—an unpromising situation surely—and in his last we are told that "everybody whose house has a flat roof can escape from town." Again and again we are reminded that the blue sky is to be seen if we will only look up, and that the wonderful panorama of the clouds is nearly always visible:

"Therefore, watch. For heaven is not far, and the sight of it though it comes as we plod the street, kindles answering beams of hope, of joy, of love, of wonder in our souls. How poor the richest are if they cannot use their wealth! What riches fall to the poorest if they will lift their hands and eyes to take them from the sky!"

In all this nature literature one tendency is clearly manifest—that of an increasing sympathy for the kindred which in our lofty self-sufficiency—to borrow Mr. Torrey's phrase—we have called the brute creation. For generations the best minds have felt this sympathetic interest, to which expression has here and there been given by poet and essayist:

"I'm truly sorry man's dominion  
Has broken Nature's social union,  
And justifies that ill opinion  
That makes them startle  
At me their poor earth-born companion  
And fellow mortal."

So lamented Robert Burns. And Wordsworth wrote:

"The birds around me hopped and played,  
Their thoughts I cannot measure;  
But the least motion that they made,  
It seemed a thrill of pleasure."

In general, however, the attitude of the people has been one of cruel indifference—in effect a refusal to recognize in beast or bird the existence of feelings for pain or pleasure in the least like our own. In an earlier age the more fortunate classes of mankind were of the same opinion in regard to the less fortunate ones—an indifferentism that held human suffering and human life in light esteem. So it happened that men and women were treated as creatures devoid of feeling, existing only at the pleasure of the higher classes—witness the flogging and faying of serfs and slaves, the hanging of free-men for the most trifling offences, and the thousand and one abominations recorded in the history of the last two centuries. And we know that the reaction of this indifferentism on the souls by whom it was possessed caused a deadening of the finer sensi-

bilities which was in itself calamitous. Hence, the selfish disregard of the rights of others, the narrowing conventions of society life, the deadened sensibility that even yet permits women to adorn themselves at the expense of life and pain to feathered beings.

It is evident that with the more general realization of the brotherhood of man there has come an immense broadening of human sympathy. The soul of humanity growing by what it feeds upon is now ready to appreciate more fully than would have been possible in an earlier day the rights of the animal world. And so the time is ripe for the questions which Mr. Thompson asks in telling how Redruff, the noble grouse of the Don valley was caught in the snare set by Cuddy, the tramp-hunter: "Have the wild things no moral or legal rights? What right has man to inflict such long and fearful agony on a fellow creature, simply because that creature does not speak his language? All that day, with growing, racking pains poor Redruff hung, and beat his great strong wings in helpless struggle to be free. All day, all night, with growing torture, until he only longed for death. But no one came. The morning broke, the day wore on, and still he hung there, slowly dying, his very strength a curse. The second night crawled slowly down, and when, in the dawdling hours of darkness, a Great Horned Owl, drawn by the feeble flutter of a dying wing, cut short the pain the deed was wholly kind."

Fortunately all sportsmen worthy the name have long recognized that the snaring of feathered innocence is both cruel and unmanly. In the best type of sportsman there is ever much of the instinct of the naturalist, and one rejoices to read from the pen of such a veteran as Mr. G. O. Shields, whose *nom de plume* Coquina is familiar in every hunting camp, words like these:

"The time has come when the camera may and should to a great extent, take the place of the gun. Several enthusiasts have demonstrated that beautiful pictures of wild birds may be made without taking their lives. How much more delight must a true sportsman feel in the possession of a photograph of a beautiful bird which still lives than in the mounted skin of one he has killed."

These sentiments remind one of the avowal of that British veteran, Charles St. John, that he "had far more pleasure in seeing these different animals enjoying themselves, and in observing their habits, than in hunting down and destroying them." Before reading such words it would seem a far cry from the point of view of these representative sportsmen to that of Mr. Torrey, who long ago repudiated even Mr. Burrough's advice to shoot the bird rather than to ogle it with a glass, and who in his latest volume tells us that in his collecting he wants "not cured bird skins in a cabinet, but bits of first-hand knowledge in the memory and the note book," surely a desire worthy to dwell in the heart of every lover of the outer world.

CLARENCE MOORES WEED.

DURHAM, NEW HAMPSHIRE.

## AMONG THE COLLEGES.\*

THE Harvard-Princeton debate will be held in Princeton this year, on the evening of April 5th.

THE sum of £115,000 has been subscribed towards establishing a university at Birmingham.

PRINCETON has recently received from Mr. George A. Armour, a gift of \$10,000 for the equipment of its classical library.

MR. L. B. WILSON has been appointed Demonstrator in Pathology and Bacteriology in the University of Minnesota.

MR. J. S. E. TOWNSEND, B.A., of Trinity College, Cambridge, has been elected to the Clerk Maxwell scholarship.

By the will of Mr. David Acheson £10,000 is left to the University of Melbourne for the foundation of scholarships.

THE sum of \$50,000 is given to the Massachusetts Institute of Technology by the will of the late Edward B. Hosmer, of Boston.

A CLASS has been organized at Johns Hopkins University for the purpose of co-operative study of current congressional history.

At Harvard University, Dr. R. W. Will, son has been appointed Assistant Professor of Astronomy, and Dr. C. R. Sanger Assistant Professor of Chemistry.

A NEW dormitory is now being built at Princeton which is to cost \$100,000. It

\* In order to make this section of BOOK REVIEWS as complete as possible, the editor asks for the co-operation of college authorities. Properly authenticated news will be printed of all changes in college faculties, changes in instructions and important college news.

will be called Little Hall after the donor, Mr. Henry S. Little.

PROFESSOR F. W. TAUSSIG was elected Chairman of the Publication Committee of the American Economic Association at the convention held in New Haven during the recess.

THE convocation of the University of the State of New York will be held on June 26th to 28th. President Harper, of the University of Chicago, will deliver the annual address.

PROFESSOR OWEN H. GATES, of the Chair of Hebrew in the Theological Seminary, has been granted a leave of absence for six months and is now studying in New York city.

LIEUT. WIRT S. ROBINSON, formerly instructor of military science at Harvard has been promoted to the rank of captain and appointed collector of customs at Cienfuegos, Cuba.

PROFESSOR C. R. LANMAN has been appointed by Secretary Hay to represent the United States at the International Congress of Orientalists to be held at Rome on October 2d.

THE trustees of Columbia University have adopted a resolution by which admission to the Law School will be limited to college graduates, the change taking effect in the fall of 1903.

HARVARD UNIVERSITY will spend \$175,000 in the erection of a new building for the department of engineering of the Lawrence Scientific School. The building will be situated on Holmes Field.

PROFESSOR C. A. KEEFER, of the Division of Forestry, Department of Agri-

culture, has been elected Professor of Agriculture and Horticulture in the New Mexico Agricultural College.

COLUMBIA UNIVERSITY has established sixty-three benefactors' scholarships and twenty two faculty scholarships, in order to place the remission of tuition fees hitherto made on a more permanent basis.

THE Houston Club at the University of Pennsylvania has decided to raise the sum of \$60,000 for the erection of a tower in memory of those members of the University who took part in the late war.

DR. E. B. MCGILVARY, of the University of California, has been called to the Sage Professorship of Moral Philosophy at Cornell University, vacant by the removal of Professor Seth to the University of Edinburgh.

THE contest in the will of the late Colonel J. M. Bennett has been decided by the Register of Wills in favor of the legatees. By this decision the University of Pennsylvania will receive about \$500,000 in property.

PROFESSOR RICHARD CLAVERHOUSE JEBB, of Cambridge, who represents the University in Parliament, has been elected as Mr. Gladstone's successor to the honorary professorship of ancient history in the Royal Academy.

THE Trustees of Columbia University have recently decided to build four new dormitories on their campus at Morning-side Heights. The dormitories will accommodate 460 students and their estimated cost is \$750,000.

THE late Henry Clark Warren, of Boston, an accomplished Oriental scholar, has left to Harvard University a large sum principally for the Sanscrit Department, but including \$10,000 for the Peabody Museum of American Archaeology.

JOHN HENRY BARROWS assumed the duties of President of Oberlin College the first of January. The total attendance for the term so far shows an increase of about fifteen over last term. Counting all departments of the College there are 1056 students in attendance.

THE Rev. Thomas Hall, of Chicago, has been called to the Chair of Christian Ethics at the Union Theological Seminary. The Rev. George William Knox has been appointed Professor in the Department of Comparative Religion, which has recently been established.

THE resignation of Dr. D. T. MacDougal, to accept the position of Director of Laboratories in the New York Botanical Garden, leaves a vacancy in the assistant professorship of botany at the University of Minnesota. It will probably be filled at the April meeting of the Board of Regents.

PROFESSOR M. E. COOLEY, of the Engineering Department of the University of Michigan, who has been Chief Engineer on the United States auxiliary steamer, "Yosemite," since the outbreak of the Spanish-American war, will return to the University in time to begin work with the second semester.

BARNARD COLLEGE, through its Board of Trustees, has returned thanks to Joseph Pulitzer, publisher of the *New York World*, for a check for the sum of \$10,000. The money is to be used in establishing and maintaining the Lucille Pulitzer scholarship in memory of the giver's daughter, who died recently.

THE professors in the departments of geology of the Stanford University of California, headed by Professor Joseph Leconte, have begun the organization of a scientific body intended to include the geologists of the Pacific Coast. The so-

ciety is to take the same place in the West which the National Association of Geologists holds in the East.

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It is announced that the competitive examinations for the fellowships of the American School of Classical Studies at Athens will be held this year on March 16th, 17th and 18th. Candidates are to enter their names on or before February 1st with Professor B. I. Wheeler (Ithaca, N. Y.), Chairman of Fellowship Committee, from whom all information as to place, subjects, etc., may be obtained. These fellowships yield \$600 each. The Hoppin Fellowship open to women only, yields \$1,000.

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WASHINGTON UNIVERSITY, St. Louis, is growing under very propitious auspices. The new campus (estimated value, \$200,000) is the gift of seventy-five graduates and friends. The late Stephen Ridgley left a bequest of \$100,000 for a library building; Robert S. Brookings offers \$100,000 for endowing the library whenever the other subscriptions for that purpose reach \$400,000. He gives outright a \$200,000 recitation building; Adolphus Busch gives a \$100,000 chemistry building; Samuel Cupples gives a \$150,000 engineering and architecture building.

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At the annual meeting of the Board of Regents of the Smithsonian Institute, held in Washington on January 25th, an inquiry was raised as to the propriety and expediency of taking action toward the establishment of a National University, and a committee was appointed to investigate and report at the next meeting. The committee is: John B. Henderson, of Washington; Alexander Graham Bell, of Washington; William L. Wilson, of Virginia (the three members of the Executive Committee of the Board of Regents); James B. Angell, of Michigan, and Robert R. Hitt, of Illinois.

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MISS MARY SAWTELLE has resigned as dean of the Woman's College at Colby. She has held the position since 1896, when she was preceptress of the Coburn Classical Institute, which position she held three years. After graduating from the Chelsea (Mass.) High Schools she entered the University of Michigan, where she received the degree of Ph.D. She was instructor of French and English at Kalamazoo, Mich., five years. She has been engaged to some extent in literary work, and resigns that she may devote more time to it. The resignation is to take effect at the end of the present college year.

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MRS. CHARLOTTE E. GRAY, of Chicago, is said to be the first woman to receive the titles of Bachelor of Arts and Bachelor of Divinity. Both degrees were given her by Chicago University, where she went, on the death of her husband, seven years ago, and took her A.B. She afterwards returned to the history of Hebrew, New Testament work, Systematic Theology and preaching. She has also, as a matter of course, studied Greek and Arabic. She is now at the University studying church history. Oddly enough, she is a Methodist, though a student in the Baptist Divinity School.

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A HANDSOME quarterly magazine, the *Technology Review*, aims to do, in part, at least, for the Massachusetts Institute of Technology what the *Harvard Graduates' Magazine* does for the neighboring university. A feature in common is the reports from the various class secretaries, who, in fact, together constitute the committee in charge of the *Review*. Another is the General Institute News. The introductory paper is very properly a biographical sketch of President Crafts, with a portrait. No doubt this publication will tend to hold together the alumni of the prosperous school in which it originates.



WE have received the calendar of the Tokyo Imperial University for 1897-98, which is printed in English. There were 2,239 students in the University, distributed as follows: University, 177; the College of Law, 744; College of Medicine, 313; College of Engineering, 386; College of Literature, 279; College of Science, 105; College of Agriculture, 235. There are 90 professors and 41 assistant professors. The library now contains about 223,000 volumes. The *Journal* of the College of Science, established in 1887 and now in its tenth volume, has published many important contributions, which are written in English or in German.

A CONFERENCE of representatives from the leading colleges of the country met at Columbia University during the recess to consider plans for securing uniform entrance requirements and examinations in the principal American colleges.

It is hoped to create a board which may prescribe suitable requirements and examinations. Any person who shall pass these tests will then be eligible to enter any one of the institutions which coöperate in the plan. This would make the work of the preparatory schools uniform.

Professor Hall represented Harvard in the conference. Cornell, Pennsylvania, Columbia and Princeton also sent delegates.

THE College for Women of Western Reserve University has just received fifty thousand dollars, one half of which was a gift for enlarging its campus and the other half of which is the bequest of Miss Mary Adams Leffingwell to found a professorship. The Western Reserve Chapter of the Daughters of the American Revolution has just established a lectureship on American history in the College for Women. The first lecture will probably be given in the academic year 1899-1900. Western Reserve University has in the last

eight years received about a million dollars. The needs, however, of the University are so urgent that plans are making for a large increase in the endowment.

WORK has begun on the new College of the Holy Cross, at Washington. The Holy Cross Society, which has its parent house and great university at Notre Dame, South Bend, Ind., has purchased a handsome site of nine acres contiguous to the grounds of the Catholic University, with which this College is to be affiliated, and the buildings just begun will be completed next September. It will be opened at the meeting of the directors and archbishops next October. The style of architecture is almost pure Corinthian, and while embodying some of the most attractive features of such famous structures as the Lichtenstein Palace in Vienna and the Palazzo Farnese of Rome, it is nevertheless of chaste simplicity and admirably adapted to the purpose.

DR. G. MEYER, till now first assistant in the Physical Institute, has been elected to an Assistant Professorship of Physical Chemistry in the University of Freiburg. Dr. Zehnder, Assistant Professor of Physics at Freiburg, in Br., has been called to Würzburg as first assistant to Professor Röntgen. Dr. Otto Wiedeburg, Docent in Physics in the University at Leipzig, has been promoted to an Assistant Professorship. Dr. Sidler, Assistant Professor of Astronomy at Berne, has been given an Honorary Professorship. In the Faculty of Science at Nancy, the following changes have been made: M. Floquet, Professor of Pure Mathematics, has been made Professor of Analytical Mathematics; M. Molk, Professor of Applied Mathematics, has been made Professor of Mechanics; M. Haller, Professor of Chemistry, is Professor of Organic Chemistry, and M. Güntz has been appointed Professor of Mineralogical Chemistry.

PROFESSOR L. H. BAILEY is busily engaged as editor-in-chief upon a new and important work, *The Cyclopædia of American Horticulture* which is to appear next year. The work will be issued in three volumes, and will describe 50,000 species of plants, and contain 1,500 illustrations. Wilhelm Miller, A.M., '97, is assisting Professor Bailey in editorial supervision. Among the important contributors are Professor C. S. Sargent, Director of the Arnold Arboretum; Professor I. P. Roberts, C. D. Beadle, Biltmore, N. C.; Dr. William Trelease, '80, Director of the Missouri Botanical Gardens, St. Louis; Oakes Ames, North Easton, Mass. ("Orchids"); Professor John C. Coulter, University of Chicago ("Cactus"); Professor B. E. Fernow ("Relation of Forestry to Horticulture"); Professor L. M. Underwood, Columbia ("Ferns"); Dr. Karl M. Wiegand, '94 ("Leguminosæ"). Much of the illustrative work is being done in Ithaca. Among the artists now at work are G. R. Chamberlain, '90; W. C. Baker, '98; Mrs. C. K. Davis, and C. W. Furlong, Instructor in Drawing in Sibbey College. Many of the plants in the Sage Conservatory and forcing house have been drawn.

THE University has this session the largest enrolment that it has ever had in its history notwithstanding the fact that the standard for admission has been in the last few years rapidly raised.

The Board of Curators at its last session by official action declared that tuition would be free in all departments of the University after the present session except in the Junior and Senior years in the schools of Law and Medicine. By this action Missouri takes her stand with the majority of State universities in the country. In the West Michigan University is perhaps the only University that has not adopted the policy of free tuition.

By a recent decision of the Secretary of the Interior the University comes into possession of 2,034 95 acres of land claimed by it as due from the Federal Government. This land was granted many years ago by the Government to the College of Agriculture and Mechanic Arts. The University offers each year from April 1st to June 1st, special courses for teachers of the State; and from January 1st to March 26th special courses in the subjects of Agriculture and Horticulture are given. A summer school is maintained regularly, offering courses in English, Latin, French, German, Greek, Biology, Physics, Mathematics, Shopwork, Drawing and Horticulture. Among the recent important changes in the faculty we note that Mr. J. M. White, formerly Examiner of Schools for the University, has been elected to the chair of Theory and Practice of Teaching; and that Mr. John R. Kirk, who has just completed his term of office as State Superintendent of Public Instruction, has been elected Examiner of Schools.

ACCORDING to the custom inaugurated in 1896-7, Radcliffe College is represented in the new Catalogue of Harvard University. It is likewise included in the report of the President of Harvard University as has been the practice since 1894-95. In his last report President Eliot states it as his opinion that the "rank of Radcliffe College will not be satisfactorily fixed and recognized, until it gives its own degree of Doctor of Philosophy with the same endorsement from the President of Harvard University which Radcliffe A.B. and A.M. diplomas uniformly bear." It should be said, however, that the opinion expressed by President Eliot is not one wholly in uniformity with that of all members of the Harvard Faculty and other friends of Radcliffe. Harvard University itself, in the opinion of many, should give the Doctor's Degree to qualified Radcliffe candi-

dates; for, by so doing, it would not only give added stimulus to research in Radcliffe, but Harvard University also would gain the credit for the increased amount of research done and gain added stimulus to productivity.

The spirit of giving, so generously enjoyed by Harvard University during the past year, has also done much to encourage Radcliffe. At the end of last July Radcliffe had already received that year \$114,814.

An interesting and long list of new subjects is offered the next half year to Radcliffe students by both professors and instructors of Harvard. Dr. Cunningham, of Trinity College, England, will give the course in Economic History usually offered by Professor Ashley. Professor Hart's new course in "Sources and Literature of American History" will doubtless prove an attractive one.

The organization of a new club, the Semitic Club, gives evidence of the growing interest of the Radcliffe student in Hebrew Literature, Syriac and Sanskrit.

The women of the Cantabrigia Club are still continuing their efforts to raise the sum of money necessary to found in Radcliffe a permanent scholarship of \$200 a year. To further that end a new opera, "The House of Barcarolle" was given in Boston in December.

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AN important movement has been inaugurated by the General Alumni Society of the University, to provide **Pennsylvania** a fund for the establishment of sixteen undergraduate and professional scholarships, to be distributed as follows: eight to the College, four to the Medical Department, two to the Law School, and one each to the Dental and Veterinary Schools. The scholarships are to be awarded by competitive examinations and are to be available for the full course.

Among recent lectures given by persons not connected with the University, were

"The Children of S. T. Coleridge," by Mr. Ellis Yarnell; "Hamlet, the Man of Will," by Mr. Henry Lawrence Southwick; "Agricultural Discontent," by Mr. George K. Holmes, of the Department of Agriculture at Washington; "Old English Towns," by Professor Cunningham.

A new series of Translations and Reprints has been recently commenced by Professor M. G. Brumbaugh and Dr. J. S. Walton. The series is entitled "Liberty Bell Leaflets," and four numbers have already appeared, No. 1 containing "Inducements and Charter from the States General of Holland to the Settlers on the Hudson."

The academic and material prosperity of the University during the last year is ably set forth in detail by Provost C. C. Harrison's *Report* just issued.

Among the recent publications by members of the University Staff are "The Development of English Thought, an Economic Interpretation," by Professor Simon P. Patten, and "Li Livres du Gouvernement des Rois," by Dr. S. P. Molenaar. Both works are published by The Macmillan Company.

A much neglected side of university interest is being developed by the *Alumni Register*, which devotes much time and space to the completion of the list of names and addresses of the older Alumni, and furnishes each month a *Diary* of the doings of the University.

A great stimulus has been given to original investigation in the various departments by the Publication Fund subscribed for a term of years by a number of Trustees, Alumni and friends of the University, thus relieving the investigators of the painful foreboding lest they may be compelled to see the fruits of their labor lie unpublished in manuscript form. The importance of such material encouragement to those who devote their lives to the search for new knowledge cannot be overestimated in the development of a Uni-

versity, as new resources are thus added to the cultural possessions of the race.

A SET of tables published in the current number of the *University Quarterly*, show some very interesting facts with regard to the present numerical strength of Columbia, her growth in the last few years and her relation, in point of numbers, to the other great universities of the East. Columbia has now 591 undergraduates—including Barnard College—323 non-professional graduate students, 1737 professional students and 1048 auditors and extension students, in all 3699. In her regular schools she has 264 more students than at the end of last year. This remarkable growth is chiefly due to the fact that Teachers College has this year become a part of the University system; but it is interesting to notice that, although the students in the professional and graduate schools have not increased, except through this addition, the undergraduate schools show an increase of 84, an increase notably larger than that of sister institutions. It would, indeed, be curious if succeeding years should tell a similar story, and the old college, so long overshadowed by the young professional schools, should prove in itself to have in it the greatest possibilities of growth.

So far as comparative numbers go, Columbia seems to stand with Harvard at the head of the Eastern universities. Their graduate and professional schools are practically equal in size, and Harvard outdistances Columbia only by virtue of its enormous body of undergraduates.

The summer school will not be begun until 1900.

Mr. W. L. Cathcart, on the recommendation of the chief engineer of the navy has recently been appointed adjunct professor of mechanical engineering. He served in the late war with Spain and is now instructor in marine engineering and design in the Webb Shipbuilding Academy.

Prof. H. W. Hardon and Mr. Herbert Noble, of the Law School, retire at the end of the academic year, to resume the practice of their profession. The vacancies are to be filled respectively by Mr. John W. Houston, a well known member of the New York Bar, and Mr. Harlan F. Stone.

Prof. Burdick's new text-book on *Partnership* is just issuing from the press of Little, Brown & Co. Prof. Keener is preparing a monumental collection of cases on *Corporations*, and Prof. Kirchwey has just printed a collection of authorities on the law of *Mortgage*.

The lectures by Prof. W. K. Brooks have just been published by The Macmillan Company for the University Press under the title *The Foundations of Zoology*.

A quarto memoir upon *Polypterus* is projected as the result of the recent expedition to the Nile. Prof. E. B. Wilson has gone to Egypt and is following up the work of Messrs. Hunt and Harrington in the pursuit of the life-history of this rare animal. The enterprise of Columbia in this respect has stimulated the English zoölogists, who have sent parties to the west coast of Africa, thus far without success.

In the University of Toronto certain recent modifications of educational method

Toronto. are worthy of mention. The "University" has always conducted the examinations for class promotion and for degrees, the business of tuition being left to the federated colleges; hence the rapid increase of the student body in recent years has made it a serious question how their progress should be tested. The various instructors are, of course, at liberty to hold private class examinations in any form or at any time they please, but these do not come under the cognizance of the responsible examining body, the University Senate. The matter is of chief importance as it affects that large class of

students, nearly one-half of the whole number, who prefer the "general course" of study to any of the eleven honor or elective courses. The former course is framed so as to make it equivalent in difficulty to an honor course; but for good and sufficient reasons many take up the broader and but slightly-specialized programme. These naturally meet in large classes in the lecture rooms and therefore receive less individual attention than the honor students. For them a special provision has therefore been made, applying to the first and second years in all departments except Chemistry, Natural Science and Physics, where a similar account is taken of laboratory work. A report on the class standing of each student for each term is handed in by the several instructors, based on such tests as they may deem to be most efficient. These, along with the records for attendance at classes, now go to determine the standing of these students of the general course, the maximum number of marks thus obtainable, counting one-half of that assigned to the results of the annual University or Senate examination, or fifty out of a total of one hundred and fifty. In general it may be observed that special attention has been paid of late by the authorities, to the so-called "pass men," the aim being to maintain the standard of the general course, and at the same time to provide a sufficient tutorial force. Expansion in the latter direction is only limited by financial restrictions.

A notable change has also been made in the principle of choosing the annual examiners for degrees and class promotion. The University, as distinguished from the colleges, being primarily an examining and degree-conferring body, it has until recently elected paid examiners from specialists outside the teaching staff, as well as from the latter body, the only restriction having been that an instructor who happened at the same time to be

a member of the Senate was debarred from receiving a fee for his services. Before the last annual examination, however, it was decreed that the remuneration of examiners should cease, and that the instructors generally should act as examiners. The result has been that the University examinations are now almost entirely in the hands of the instructors in all the regular departments, and it goes without saying that the service has not suffered from the change.

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THE Academic Board is a new institution at McGill and was only organized after the most mature consideration. It was originally intended to make it a small body, made up chiefly of the Deans and other officials of the various Faculties, with the result that it would have been little more than a Committee of Corporation. The constitution of such a body naturally attracted the attention of Corporation, and above all, perhaps, of the representatives of the graduates. Strong was the conviction that a body thus small, and constituted as it would be almost wholly of members of Corporation, might be a menace to that body itself, or at least in some way have an advantage that ordinary members of Corporation would not possess.

After prolonged consideration the Academic Board has been formed on lines that have met with general approval. All professors of the University are members *ex-officio* of the Academic Board. At present the Board has no executive powers but simply lays its minute book before the Governors of the University. The great advantages, however, arising from the existence of such a body arise out of the opportunities afforded all professors of becoming acquainted with each other, with the natural result of better information on University affairs and the formation of a broader spirit. The Academic Board becomes a sort of University within the

University for liberalizing the professors themselves.

In our last note on the affairs of this University reference was made to an approaching event of great importance—the official opening of the new Building for Chemistry and Mining. This like the buildings for Physics and "Applied Science" generally (Engineering, etc.), together with their equipment and maintenance, indeed all connected with them, are due to the generosity of Mr. W. C. Macdonald, now Sir Wm. Macdonald, a man by the way who is as modest as he is generous, so that it was with difficulty that he was induced to accept the honor of Knighthood in recognition of his services to Science, which have not alone consisted in munificent donations but in the expenditure of an amount of thought and energy on these departments of the University that even few men of leisure, not to say men engaged in large business enterprises, ever give.

The new building was formally opened by the Governor General, Lord Minto, who was accompanied by Lady Minto and many members of the official staff.

Among the speakers were the several representatives of the universities and technical schools of Canada and the United States; while the various officers of the University and many of Montreal's most advanced citizens assisted in the interesting exercises.

After these forms had been gone through a special meeting of Corporation was held for the conferring of the honorary degree of LL.D. on the Governor General, on Lord Herschel and on Sir Wilfred Laurier, the Premier of the Dominion. On the following evening a very large number of the élite of the City attended a reception given in the New Building.

The Chancellor of the University, Lord Strathcona, had thoughtfully arranged his visit to Canada so as to take part in these ceremonies.

As is well known he is one of McGill's greatest benefactors and rendered his last visit ever memorable by bequests at once beneficent and timely; but of these we shall speak later.

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At the February meeting of the Board of Trustees, the question—which in one form or another has been persistently recurring for the

Ohio. past two years—of establishing a medical college at the University was again taken up; and resolutions were adopted providing for the organization of such a college. The plan does not contemplate the founding of a new institution, with buildings, laboratories and a four-year course, at Columbus; but is essentially one of affiliation with one or more of the reputable medical colleges now in existence in the State. Its main features are included in the following proposition:

The State University will undertake to give instruction of university grade in every respect equal to any other form of instruction given at the University, in all the branches of a medical education which are common to the several schools of medicine recognized by the Ohio State Board of Medical Examiners, or under the statutes of this state. For instruction in those branches which are special or peculiar to the several schools of medicine, the University will rely on regularly established and reputable colleges of medicine and surgery now in existence, or which may come into existence in this state, and which may affiliate with the State University upon the general plan here set forth.

It will be seen that this proposition aims to secure superior general training in anatomy, histology, physiology, chemistry, pharmacy, etc., in the finely equipped laboratories of the State University; while the special pathology, therapeutics, clinical surgery, etc., may be taken at the affiliated medical college. The requirements for admission and graduation, as

well as the curriculum and general standards, are never to fall below the minima fixed by the University four year courses, or those named and indorsed by the American Association of Medical Colleges; and the diploma will bear the name both of the University and the affiliated college. Much interest attached to the meeting of the Department of Superintendence of the National Educational Association which was held at Columbus on the 21st and 22d of February, and was attended by prominent educators from all parts of the country. Some account of its proceedings will be given in the next installment of these notes. The Department of Domestic Science has been strengthened by the addition to its corps of instructors of Mrs. Sarah S. James, who lectures on the history of costume and gives practical instruction in the æsthetics and hygiene of dress-making. The burning question of national expansion has, of course, seemed providentially designed for academic debate; and has received full attention at the University. Thus far the public utterances of members of the Faculty have been three in number. One was a lecture by Professor Clark of the Department of Economics and Sociology, before the Columbus Board of Trade, on the Nicaragua Canal, warmly advocating the acquisition of the Philippines. Another, delivered in the University chapel, by Professor Knight of the Department of History and Political Science, (a college-mate, by the way, of Professor Dean C. Worcester, of the recently appointed visiting commission), was a thoughtful warning against any undue haste in the assumption of any such grave responsibility. A third, also delivered in the University chapel, by Ex-president William H. Scott, treated the subject from an ethical point of view; condemning the "transfers of whole peoples by contracts in which they have no voice," as monstrous; and adding that "any argument that would justify this would justify human slavery."

THE methods of government and discipline in operation in the different universities should be a matter of common interest to all university men, and the exchange of information in regard to the various systems may, on occasion, be of value at points where problems present themselves that have been solved elsewhere.

The mode of government in practice in Tulane University is simple; and its simplicity and the smoothness with which it works would seem to recommend it. The supreme power is vested in a single body, a Board of Administrators. This Board consists of seventeen members, and is self-perpetuating. To this number are always to be added the Governor of the State, the Mayor of New Orleans, and the State Superintendent of Public Education, *ex-officio* members.

The Board of Administrators has absolute control of all the affairs of the University, and determines its policy. All matters of finance, and the selection of officers, professors, assistant professors and instructors are regulated by it. The executive officer of the Board is the President of the University. In the organization and development of the University, the Board has relied almost exclusively upon the advice of the President, Dr. Wm. Preston Johnston, and has been guided by his recommendations in the selection of its faculties.

Within the institution itself, all matters relating to the departments for graduate students and teachers, grave questions of discipline, and other business of general import come before the University Faculty, the President of the University presiding. Each of the other colleges and departments has its dean and faculty, and they deliberate upon and control their own affairs, subject to the approval of the President. Each part is, in this way, distinct in its work and in its management, and, at the same time, is an essential ele-

ment in the homogeneous aggregate of the University.

Tulane University has been conspicuously fortunate in its system of discipline. The honor system was instituted at the opening of the University and has been successful from the outset. Graduate and professional students are allowed the fullest freedom consistent with good order. The students of the College of Arts and Sciences and the College of Technology constitute the Academic Corps, and they elect an Academic Board of Directors, consisting of the Presidents, Vice-Presidents and Secretaries of the four classes, the President of the Senior Class being *ex-officio* President of the Board. To this Board is intrusted the general discipline of the student body. It sits as a court of justice; takes evidence, hears the accused in his own defence, deliberates and decides the case. Their verdict is then referred to the President and University Faculty as a higher court. It is usual for the verdict to be sustained as received, or with some slight modification.

It seems obvious that the honor system, when properly maintained, is a great advantage in every way. The very fact that the student is assumed to be a man of truth and honor, and is to be governed by a system, the foundation of which is truth, and further that every student is expected to contribute his part in maintaining this standard, must be in itself elevating in tendency. In fact, in Tulane, the lapses have all occurred in the lower classes. The feeling of the responsibility resting upon the students when they vote for the men who they know are to be their judges, should be something of a training for the exercise of the franchise later on, as citizens. It is interesting, too, to note the growth in steadiness and force of those into whose hands the discipline of their fellow students has been entrusted. Such experience, it would seem, should be of value in preparing men

for positions of graver responsibility in later life.

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THE sudden and alarming illness of Dr. James O. Murray, Dean of the University, Princeton, has been a cause of sorrow, not only to the Faculty and undergraduates, but to Princeton men all over the country. He is undoubtedly and has been for many years, the best loved man in Princeton. And he has won this general affection by a conscientious performance of the most unpopular kind of duties. He is Princeton's first dean. Since his appointment to the office, in 1883, he has been the minister of even-handed justice, managing the disciplinary business of the university with a firmness which offenders themselves could not rebel against, because the dean was always kind and tactful. He has had many delicate tasks to perform and many sad ones. But he has already reaped a reward in having set the standard of his office, won the complete respect of his colleagues and conquered the hearts of all the men who have been graduated during his term of service. Besides his disciplinary work Dr. Murray has been the most frequent visitor of sick students, the originator and chief manager of the infirmary, the chairman of many committees, head professor of the English department, and, with President Patton, the principal chapel preacher.

It may well be questioned whether the almost unlimited choice of electives in senior year is not an evil. The Princeton senior selects his thirteen or fourteen hours a week of lectures and recitations from a list of courses that are perfectly overwhelming in their number and diversity. The only course he is required to take is one of two hours a week in ethics, throughout the second term. Apart from this there is no official guidance or limitation of his selection, except in a few instances where



a senior course is the continuation of a junior course. There is nothing to hinder a scatter-brained man from pursuing at the same time histology, metaphysics, political economy, art, the theory of functions, English common law and Oriental language. The danger is not, as was originally feared, that students attempt to specialize too completely or too early. It is rather that they are prone to elect incongruous subjects. There is also the patent fact, to which the authorities in most colleges shut their eyes for politeness' sake, that a large minority of the men deliberately choose subjects for which they know they have no earthly use, merely because the subjects, or the professors who teach them, are reputed to be easy. This is called snap-hunting. At Princeton it is not so generally practiced now as it was five or six years ago. Nevertheless there are many seniors and juniors who need the guidance, and in some cases, the compelling authority of a Faculty committee. As it is, the more judicious students in small classes, of from one to ten men, have the advantage of coming into close intellectual contact with their professors. Among the new courses this term are one in financial history, offered by Professor W. M. Daniels, and the history courses of Professor Paul van Dyke. It is worth notice that thirty-three seniors and juniors are studying Spanish.

A university fellowship in English Literature, yielding \$500 annually, has been founded by Mr. Charles Scribner, the New York publisher, who was graduated from Princeton in 1875. It is in memory of his father. The first award will be made this year. Graduates of not more than five years' standing, of all accredited American colleges, are eligible, and application should be made to the Registrar on or before May 15th.

The work of endowing and equipping seminaries in the university library has proceeded successfully of late, and the

classical seminary was formally opened the other day. Professor A. F. West is its director. During the last month the library has received several notable gifts of books, especially two collections by Mr. Cleveland H. Dodge, '79, of New York, and Mr. George A. Armour, '77, of Princeton.

M. Edouard Rod, the French critic, is to lecture in Princeton on March 23d and 24th, through the generosity of two trustees of the University, Mr. James W. Alexander, '60, and Mr. M. Taylor Pyne, '77. The beautiful French medal provided by the Baron Pierre de Coubertin, to be competed for in an annual debate in Whig Hall, was awarded this year to A. F. Weston, '99, of Mount Vernon, Maine.

A letter from the Rev. Clinton T. Wood, '92, from Capetown, announces the formation of the Princeton Alumni Association of South Africa. President Patton has been addressing the alumni at Philadelphia, New York, Baltimore, Harrisburg and Newark.

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The last week has been given over to the meetings of the *Alumnæ Association* and of the *Academic Committee*. The latter is the official means of communication between the *alumnæ* and the College as it stands at any given moment. It is composed of seven of the *alumnæ* and meets at *Bryn Mawr* semi-annually at the end of each semester. At these semi-annual meetings all points of immediate or permanent interest to the career of the College and students are brought up for discussion; the committee sitting in consultation with the President alone and with the President and two members of the Faculty—this year Mr. Harkness and Dr. Andrews. With the President the committee discussed Mr. Frederick Law Olmsted's plans for the expansion of the College, particularly considering the more immediate necessary part of those plans—the new

residence building and library hall—the need for both of which is at present staring the College in the face. The committee is to lay several schemes for raising money before the alumnæ. Another point brought was the advisability of founding a research fellowship, a fellowship running consecutively through several years, say five, and enabling the student to successfully pursue some advanced piece of research. A fellowship for a single year has very often been found to be only an unsatisfactory interruption to serious work. It is to be hoped that the alumnæ can raise enough money year by year to try the experiment of a single five years.

With Dr. Andrews and Mr. Harkness, in conjunction with the President, the main point of interest was the question of college grades: Is the system at present in general use a good or bad one and shall it hold at Bryn Mawr? The committee handed in a report on the subject which gave the opinion of twenty-eight of the most important colleges in the country, testifying to the necessity not only of grading, but of announcing the grade to the student. Those of the committee who had been opposed to the grading system unanimously changed their opinion after having thus carefully worked out the question. The giving of a definite grade is found to be the right of a student after performing his work and the greatest practical use to the professor in testing the value of the work of his classes, there being no other effective means of sifting out the members of a class. It must be added that a grade report is almost indispensable in the recording offices of a college for purposes of reference, which is constantly being called for after the student leaves college. The committee finally discussed, with three representatives of the science faculty and one of the history department, the unsatisfactory results obtained, particularly in the matriculation examination of the students in science and

history, owing to inadequate school training in preparation for college. The matter was handed over to the faculty for consideration, some changes in the entrance requirements being proposed as a way to obviate the difficulty.

The Academic Committee is composed of the following alumnæ, of whom several are already known in the scholarly world: Miss Annie Crosby Emery, A.B., 1893; Ph.D., 1896; Miss M. F. Mason, A. B., 1892; Mrs. Henry Greenleaf Pearson, nee Winsor, A.B., 1893; Miss Martha G. Thomas, A.B., 1890; Miss Jane Louise Brownell, A.B., 1893; A.M., 1894; Miss Ruth Gentry, Ph.D., 1896; Miss Louise Sheffield Brownell, A.B., 1893; Ph.D., 1897; Miss Edith Hamilton, A.B. and A.M., 1894. Miss Emery is now Dean of Women in the University of Wisconsin, and Instructor in Greek and Latin, having taken her position in 1897. She was the holder of the Bryn Mawr European Fellowship in her class. Miss Gentry is now Instructor in Mathematics at Vassar. Miss Louise Sheffield Brownell is Warden of Sage College and Instructor in English at Cornell, having, like Miss Emery, taken the position in 1897 and having previously held the European Fellowship of her class. Miss Hamilton, who was graduate European Fellow in 1895, on returning to America at once accepted the headship of the Bryn Mawr School in Baltimore, which position she has uninterruptedly held since that time.

The College has lately been presented with a new scholarship. Miss Maria Hopper, daughter of the late Edward Hopper, for many years senior member of the Philadelphia bar, has left in her will \$10,000 for the foundation of a scholarship at Bryn Mawr. This sum is left without restriction, all details of award being put into the hands of the Trustees. In all probability it will be made a resident undergraduate scholarship and awarded from year to year.

THE largest and most important piece of work which has been undertaken in years by the Harvard Faculty is that of revising the admission requirements to Harvard College and the Lawrence Scientific School. This work was first begun in the year 1894 and remains still uncompleted. New definitions of requirements and a preliminary statement in regard to conditions for admission to the Lawrence Scientific School were agreed upon in 1897. During the year 1897-98 the Faculty bent its energies to the determination of terms of admission to Harvard College. A set of new definitions was finally agreed upon. The definitions in some subjects, such as Physics and English, remain essentially as before. In other subjects, however, important changes have been made. Thus the definition of elementary Latin calls for a considerable increase in the minimum amount of preparation in this subject, since Latin poetry is prescribed. In French and German there has been at least a stiffening in the requirements. The elementary History requirements will demand more than the superficial study of the subject which has hitherto been sufficient. The new definition in Geometry unites Plane and Solid Geometry in one subject but has abridged each to the smallest possible limit. Certain new sciences, namely, Physiography, Astronomy, Meteorology and Anatomy, Physiology and Hygiene are added to the list of subjects usable for admission to Harvard College. The way in which the subjects defined were to be used for admission has caused the Harvard Faculty much thought and a final settlement of the matter has not yet been reached. The action of the Faculty so far, however, indicates that it is disposed to permit a less difficult substitute for Greek, one which will require about as much time as is demanded to meet the Greek requirement. In the past a candidate who omitted Greek must present, according to the estimate of certain

teachers, at least one half year more of work. The principal way in which a substitution for Greek may be rendered easier is by giving wider options in the subjects permitted for election. The Board of Overseers, however, while it sanctioned the definitions of requirements as formulated by the Faculty returned the scheme to the Faculty for further consideration in order that the amount of Algebra and History required in the new scheme may not be less than under the old plan of admission.

Certain other new subjects, namely, Zoölogy, Botany, Shopwork and Drawing have been added to the list of subjects usable for admission to the Lawrence Scientific School. It is also proposed to raise gradually the standard of admission of the Lawrence Scientific School until it is substantially equal to that for the College.

The Faculty, also stimulated by the Board of Overseers, is striving to get rid of the prescribed English courses given within the College. Several votes to that end have already been passed. High proficiency of a candidate in elementary English gives him the right to try a second examination for exemption in Freshman English. A high grade in the course called English A will excuse the holder from prescribed Sophomore English. While a high grade in prescribed Junior English will excuse the holder from writing the third Junior forensic.

The policy of Harvard University towards athletics is clearly stated by President Eliot in his Annual Report just issued: "The policy of the University is to resist steadily the moral and physical evils which are easily developed in connection with intercollegiate sports; and to take all possible care that individual students be not injured through their own ignorance or lack of judgment. It is always to be put down to the credit of vigorous out-of-door sports that they tend to deliver young men from sloth, sensuality and luxury. The

principal benefit of athletics accrues to the hundreds of students who play wholesome games and take vigorous exercise without ever being heard of in intercollegiate contests."

In consequence of the rapid increase in the number of students enrolled in Harvard College one sometimes hears a fear expressed that the proportion of the teaching force to that of the student body cannot be maintained or if so only by the employment of too great a proportion of young and inexperienced men. President Eliot shows in his report that whereas the increase of students under the Faculty of Arts and Science is 3.9-fold in the last thirty years, that of the Faculty is 4.4-fold. While the Faculty has increased proportionately faster than the undergraduates, the average number of years of the Faculty out of College has decreased only seven-tenths of a year. Moreover the age of the teachers of Freshmen, Sophomores and Juniors is greater, while that of the Seniors is less than it was thirty years ago—a result undoubtedly due to the elective system now in operation.

Making gifts to a University whose financial management is so good as that of Harvard University continues to be regarded a privilege. The funds available for scholarships have been increased in the past two months by a gift of \$10,000 in memory of Christopher Minot Weld and of \$5,000 from Susan B. Lyman. Hon. T. Jefferson Coolidge gives \$5,000 for two yearly debating prizes. \$5,000 has been left to the Lawrence Scientific School in memory of Stuart Wadsworth Wheeler. The Library has been enriched by a gift from Mr. Abbott Lawrence Lowell of 40 sets of his "Government and Parties in Continental Europe" and by the gift of the philosophical library of O. B. Henshaw, who died at Camp Alger. The beautiful estate opposite the residence of President Eliot, the private fortune, and the rare library of Indo-Iranian and San-

skrit literature of the late Henry Clark Warren were all left to Harvard College. A new Professorship of Hygiene—to be the most richly endowed professorship in Harvard University—has just been announced as an anonymous gift.

According to the report of the Treasurer of Harvard University the gifts for capital account amounted in 1898 to \$1,146,000, while over \$90,000 more was received in gifts for immediate use. So wisely and cautiously have the funds of Harvard University been invested by Mr. Hooper, who was the Treasurer of Harvard University for the past twenty-two years that the gain on property bought by him has been \$1,000,000.

It is also interesting to note that the maximum salary of a professor at Harvard has just been raised \$500, while the President's salary has been increased by \$1,000.

Funds have been appropriated and a site has been selected for an engineering building. The old college hospital has been remodelled for the convenience of the architectural department, while the old Carey building has been purchased by the University from the Athletic Association and, by means of funds left by Miss Roche, is now converted into a building suitable for the department of Mining and Metallurgy.

The Fogg Art Museum has been enriched by a collection of glassware from Phœnecean tombs, by a complete set of 71 plates of Turner's "Liber Studiorum" and by a gift of 12 photographic negatives of Hieropolis, by Professor Norton and of a white Greek Lekythos, by C. G. Loring. The Peabody Museum has acquired a set of models of permanent huts used by American Indians.

When authorized by the Faculty of Arts and Sciences, doctors of philosophy may offer half-courses which do not count towards a degree. Three such courses are to be given next term. Lieutenant Smith, a son-in-law of Admiral Sampson, will next term give a course in Military and

Naval Science. Dr. Cunningham, of Trinity College, Cambridge, England, will exchange courses with Professor Ashley, who is spending his Sabbatical in England. Professor Thayer is in Leipzig, editing a revised edition of the Bible. Professor Davis is in Cannes, France, for the winter and Professor Mark in Zurich. Professor J. H. Peirce is in St. Petersburg. Professor Lanman has been appointed to

represent the United States and the Smithsonian Institute in the International Congress of Orientalists which meets next fall in Rome. Mrs. M. Flemming has been appointed curator of astronomical photographs at the Harvard Observatory. She has done noted research in the determination of new stars, in the discovery of a law concerning variable stars, and in the study of stars of type V.

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## Notes and Announcements.\*

ELBRIDGE S. BROOKS will issue very soon, through the press of Lothrop Publishing Company, *The Story of Our War with Spain*.

HENRY T. COATES & Co., Philadelphia, have in press, *The History of the Pennsylvania Railroad Company*, by William Bender Wilson in two octavo volumes with 273 illustrations.

A SECOND, revised and much enlarged edition of *The Elements of Practical Astronomy* by W. W. Campbell, Astronomer at the Lick Observatory, will be published shortly by The Macmillan Company.

*The Roman History of Appian of Alexandria*, has been translated from the Greek by Horace White, M.A., LL.D., and will be published in two volumes early in the spring by The Macmillan Company.

MESSRS. HENRY HOLT & Co. will publish this month *The Rapin*, a novel by Henry de Vere Stacpoole, author of *Pierrot*. Rapin is Parisian studio slang for a professed student of art who has neither the talent nor energy to succeed.

\* Publishers are requested to note that all literary announcements should be in the editor's hands not later than the 16th of the month. The subscription list of BOOK REVIEWS is one of 10,000 names. It circulates chiefly among the educational and professional classes and members of the book trade.

ONE of the most interesting of recent announcements comes in the shape of a uniform English edition of the books of Tolstoi in twenty volumes, to be edited by Mr. Nathan Haskell Dole, and published by Messrs. Charles Scribner's Sons.

DODD, MEAD & Co.'s spring list embraces *Ruskin's Letters to Rossetti* and others of his contemporaries; a translation of Joubert's *Thoughts*; *Songs of the Rappahannock*, stories by Ira S. Dodd; and a new volume of poems by Paul Laurence Dunbar.

MESSRS. HENRY HOLT & Co announce for immediate publication an *Elementary Algebra*, by George W. Evans, of the English High School, Boston. At each turn of the subject, the departure is made from problems, and the book contains an unusually large collection of new exercises.

FROM Doubleday & McClure Co. we are to have *The Fight for Santiago*, by Stephan Bonsal; *How to Plan the Home Grounds*, by S. Parsons; *Through the Turf Smoke*, Irish peasant stories by Seumas MacManus, and Dr. Maurice Jokai's *Hungarian Nabob*, translated by R. Nisbet Bain.

ONE of the daintiest little books of the season, is a selection of Elizabethan lyrics made by Mr. FitzRoy Carrington, illustrated with portraits of famous Elizabethans, printed with sixteenth-century spelling and typography, and entitled *The*

*Queen's Garland.* Mr. R. H. Russell is the publisher.

REV. E. H. HALL, formerly minister of the Unitarian church in Cambridge, has written a book of special interest to students of ecclesiastical history. It is entitled *Papias: A Study from the Second Century*. Mr. Hall is a fine scholar and an excellent writer. Houghton, Mifflin & Co. will publish his book.

M. F. MANSFIELD & A. WESSELS issue immediately *Studies of the Mind and Art of Robert Browning*, by James Frothingham; *Audrey Beardsley*, by Arthur Symonds; *The Story of the West Indies*, by Arnold Kennedy; and *The Long, White Cloud* (New Zealand), by the Hon. William Pember Reeves.

*In Cuba with Shafter*, by Lieut.-Col. J. Miley of the General's staff; *A History of Yiddish Literature in the Nineteenth Century*, by Prof. Leo Wiener, of Harvard; and *The Orchestra and Orchestral Music*, by W. J. Henderson (in the "Music-Lover's Library") will be published by Charles Scribner's Sons.

MRS. CLARA LOUISE BURNHAM will soon publish through Houghton, Mifflin & Co. *A West Point Wooing and Other Stories*, a group of tales many of which relate to episodes of West Point life, with which Mrs. Burnham is evidently very familiar. It need not be said, though it is true, that these are love stories.

*The Theory of the Leisure Class*, an economic study in the evolution of institutions, by Thorstein B. Veblen, instructor in Political Economy and Managing Editor of the *Journal of Political Economy* in the University of Chicago, is the title of a book to be published at an early date by The Macmillan Company.

RICHARD LE GALLIENNE has written a novel called *Young Lives*, which Mr. Arrowsmith will publish early in March. It is an idealistic story of a group of young people in the provinces. He has also written for John Lane *The Worshipper of the Image*, a tragic fairy tale, which is described as a study of the artistic temperament.

THE MACMILLAN COMPANY announce the early publication of Professor H. Morse Stephens' second, revised and enlarged edition of his *Syllabus of European History, 1600-1890*, with bibliographies. To each lecture in the syllabus is appended a bibliography of authorities, secondary and primary, for the use of both students and teachers.

THE MACMILLAN COMPANY announce the early publication of *The Spirit of Organic Chemistry, An Introduction to the Current Literature of the Subject*, by Arthur Lachman, Ph.D., Professor of Chemistry in the University of Oregon, with an introduction by Paul Freer, Ph.D., Professor of General Chemistry in the University of Michigan.

*The Wire Cutters* is the name of a new novel by Mrs. M. E. M. Davis, which will shortly be issued from the Riverside Press. It is a story of Texas, and of an embroilment over the shutting of cattle from springs by wire fences. Mrs. Davis tells a better story now than when she wrote *Under the Man-Fig*, and that was distinctly a very good and very readable novel.

OSTROGORSKI'S *Democracy and the Organization of Political Parties* has been translated from the French by Frederick Clarke, formerly Taylorian Scholar in the University of Oxford. The work will contain an introduction by the Right Hon. James Bryce, M.P., author of *The American Commonwealth*, and will be published very shortly by The Macmillan Company.

MR. EDMUND SHERIDAN PURCELL'S *Cardinal Newman as Anglican and Catholic* will be published early in the spring by The Macmillan Company. The volume will contain portraits, and if we may draw conclusions from the same author's *Life of Cardinal Manning* which created so much discussion in 1897, his work on Cardinal Newman may be awaited with some interest.

A SERIES of four Child Life Readers by Etta Austin Blaisdell, Supervisor of Schools, Brocton, Mass., will be published at an early date by The Macmillan Company. Each volume will be profusely illustrated in line and color. The scope and

contents of the series may be gathered by the titles, which are : I. *Child Life*. II. *Child Life in Tale and Fable*. III. *Child Life in Many Lands*. IV. *Child Life in History*.

THE two final volumes [VII. and VIII.] of *Allbutt's System of Medicine* are announced for publication during the spring by The Macmillan Company. They will contain the completion of the account of the Diseases of the Circulatory System, Diseases of the Muscles, and the Diseases of the Nervous System, including Mental Diseases, also a series of short articles on the Diseases of the Skin, which will conclude the system.

*Life and Letters of Archbishop Benson* will be published early in the spring by The Macmillan Company. The volume is edited by the prelate's son, and will contain portraits and illustrations. The biography will necessarily embrace not only the history of the Anglican Church during the Archbishop's life, but also much of the inner history of public movements ; and his relations with the brilliant men who have guided the affairs of England during the past half century.

THE new volumes announced for publication in the spring in Macmillan's Classical Series are *Selections from Plato*, edited by Lewis L. Forman, Ph.D., Instructor in Greek at Cornell University ; *Selected Letters of Pliny*, edited by Elmer Truesdell Merrill, M.A., Professor of Latin Language and Literature at Wesleyan University ; *Selections from the Greek Lyric Poets*, Vol. I.—*The Melic Poets*, edited by Herbert Weir Smyth, Ph.D., Professor of Greek at Bryn Mawr College.

*The Life of Edwin M. Stanton* which Houghton, Mifflin & Co. will publish in a few weeks, can hardly fail to be a very interesting work. Stanton was a very large figure in the war for the Union, and the fact that he was uncommonly brusque and inevitably made many enemies will certainly not detract from the interest of the biography. It is in two volumes, written with the full sanction of the Stanton family by Hon. George C. Gorham, for some years Secretary of the United States Senate.

HOUGHTON, MIFFLIN & Co., will publish in the near future Carlyle's letters to his younger sister, Mrs. Jane Hadding : a *Life of Thaddeus Stevens*, by Samuel W. McCall ; a *Life of Edwin M. Stanton*, by George C. Gorham ; *Fields, Factories and Workshops*, by Prince Peter Kropotkin ; *A Federation of the World*, by Dr. Benjamin F. Trueblood ; *Papias : A Study of the Second Century*, by the Rev. Edward H. Hall ; *Everyday Butterflies*, by Samuel H. Scudder, and *Corn Plants*, by F. L. Sargent.

AN entirely new edition of the *Development and Character of Gothic Architecture*, by Charles Herbert Moore, Professor of Art at Harvard University, is announced by The Macmillan Company. There will be many new illustrations in the text, and a considerable number of full page plates reproduced by photographic process. There will be also a large amount of fresh material gathered at first hand from the monuments, and the book has been practically re-written by the incorporation of new matter.

MESSRS. SPON & CHAMBERLAIN announce the following new books : *Strains in Iron Work*, a course of eight lectures delivered before the Society of Engineers, by H. Adams, third edition ; *Verbal Questions and Answers*, given at the Board of Trade examinations for Engineers, by A. R. Leask ; *Watch Springing and Adjusting* : curves, compensation, manufacture of balance springs, non-magnetic material, gauges, observatory tests, by F. J. Britten ; Rownson's *Iron and Merchants' Tables, and Memoranda Weights and Measures ; Estate Fences* ; their choice, construction and cost, by A. Vernon.

A TRANSLATION of M. Joseph Textes' study of the literary relations between France and England during the eighteenth century will be published shortly by The Macmillan Company. It is entitled *Jean Jacques Rousseau, and the Origins of the Cosmopolitan Spirit in Literature* ; and the translator's name is J. W. Matthews. M. Texte's object has been to exhibit Rousseau as the man who has done the most to create in the French nation both the taste and the need for the literatures of the north. The book opens with a chapter upon the revocation of the Edict of

Nantes and the first migration of the French spirit.

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PROFESSOR EDWARD BRADFORD TITCHENER is preparing for publication early in the fall, *A Laboratory Manual of Experimental Psychology*, which will be published by The Macmillan Company. The work will be in two volumes and will detail an elementary course of laboratory work. The first volume will deal with qualitative analysis, the second with the exact measurement of mental processes. Each volume will be published in a student's and a teacher's edition, the former giving instructions as regards the conduct of experiments, control of introspection, etc., and the latter furnishing references, cognate questions and exercises, and standard results.

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THE MACMILLAN COMPANY will publish at an early date *An Elementary History of Greece from the Earliest Times to the death of Alexander the Great*; by C. Oman, M.A., F.S.A., Fellow of All Souls, and Lecturer at New College, Oxford. Students of history are already familiar with Mr. Oman's "History of Europe in the Dark Ages," and his "History of the Byzantine Empire." The present book is intended for beginners. Controversial topics and obscure *origines* have been as far as possible avoided, and the author has attempted to make the narrative as simple as is compatible with the need for clearness and accuracy. There are also many maps and plans, and full index

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*An Introduction to the Study of Literature* by Edwin Herbert Lewis, Ph.D., Associate Professor of English in the University of Chicago, has just been published by The Macmillan Company. Professor Lewis is already known to teachers of English by his "First book in writing English." This present volume is a collection of short masterpieces of modern literature designed for reading and study in the higher grades. It consists of a body of lyrics, ballads, essays and short stories, graded by careful experiment with some hundreds of students, and with all due regard to their expressed interests. Each section is opened with a critical introduction which will serve as a guide both to teacher and student.

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IN a volume of *West African Studies* Miss Mary Kingsley will very soon supplement the delightful volume of *Travels in West Africa* which was published a short time ago. The *Studies* deal with the early history of discovery and of trade in that interesting region, and with native methods of healing and of fishing, besides giving many further observations and speculations on the fascinating subject of Fetish. The book will contain also important chapters on the present and future prospects of trade in West Africa, with suggestions for the better administration of the country, and very valuable appendices on the Niger Delta by the Vicomte de Cardi, and on the opening of the Qua Ibo River by Mr. John Harford.

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MR. HENRY F. WATER's shrewd and almost "detective" face in the January number of the *New England Historical and Genealogical Register* will be welcome to the thousand readers of his "Genealogical Gleanings in England." The current instalment of these deals with Bromfield, Quinby (Quimby), Haskett (and Derby), Hedge, and other well-known New England connections. Mr. Hodge's notes on Roger Williams, endeavoring to fix the dates of his birth and death and the name of his wife, are good workmanship. The pedigrees of the namesake benefactor of Yale College, of the Hoar family and of the Plymouth Brewsters in the early generations, are also among the unusually substantial contents of this number.

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A SUPPLEMENT to the abridged edition of Bryce's *American Commonwealth* has been prepared under the title of *Outlines of Civil Government*, by F. H. Clark, Head of the Department of History at the Lowell High School, San Francisco. It will be published at an early date by The Macmillan Company.

It is the object of this book to supply additional information by means of documents printed entire or in abstract, by reference to other books easily accessible in school or public libraries, and by abstracts of general laws establishing county and township governments. Extensive references also are given on political history, and sets of supplementary questions intended to help the pupil to carry inquiry



further and to associate his study closely with his own experience.

THE Bodleian manuscript of Omar Khayyâm, discovered in 1856 by Professor Cowell, and transcribed by him, is the oldest codex of the poet as yet known, and dates from the year 1460. It has, furthermore, the special interest of being the manuscript upon which FitzGerald based his immortal poem. A photographic reproduction of this manuscript, with a transcript into modern Persian characters, a prose translation into English, a learned commentary, and a great variety of bibliographical and miscellaneous annotation, are all provided by Mr. Edward Heron Allen in *The Rubaiyât of Omar Khayyâm*, a sumptuous volume published in this country (in its second edition) by Messrs. L. C. Page & Co. It is a book that no Omarian can possibly spare from his collection.

LONGMANS, GREEN & Co. have in press or in preparation *Selections from the Sources*: A Supplement to Text-books of English History, b. c. 55-a. d. 1832, arranged and edited by Professor Charles W. Colby of McGill University; *The Life of William Morris*, by J. W. Mackail; *The Early Married Life of Maria Josepha, Lady Stanley from 1796*, edited by J. H. Adeane; the fourth and concluding volume (1660-1696) of *The Memoirs of the Verney Family*, by Margaret M. Verney; *A Handbook to French Art*, by Miss Rose G. Kingsley; *Wood and Garden: Notes and Thoughts, Practical and Critical, of a Working Amateur*, by Gertrude Jekyll; *A Text book of Theoretical Naval Architecture*, by Edward Lewis Attwood, Assistant Constructor, R. N.; and *Indian Philosophy*, by Max Müller.

AMONG the works promised for the coming season by the New Amsterdam Book Co. are *Dickens and his Illustrators*, by Frederick G. Kitton, containing twenty-two portraits and seventy original drawings, with sketches of each artist's career; *Twenty Years in the Near East*, by Ardern G. Hulme Beaman; *British West Africa*, by Major A. F. Mockler-Ferryman; *The Downfall of the Derivishes*, by E. N. Bennett; *Two Native Narratives of the Indian Mutiny at Delhi*,

translated by the late Charles T. Metcalfe; *Annals of Eton College*, by Wasey Sterry; *Memoirs of Admiral the Right Hon. Sir Astley Cooper Key*, by Vice-Admiral P. H. Colomb; *The Canon Law in England*, by Professor F. W. Maitland; *Reading and Readers*, by Clifford Harrison, and *Dante's Garden*, by Rosamond Cotes.

AFTER passing through two editions in Germany, and having appeared in the Russian and Italian languages, Professor Max Verworn's great work, *General Physiology*: an Outline of the Science of Life, has now been edited and done into English by Dr. Frederic S. Lee, Professor of Physiology in Columbia University, and Messrs. Macmillan have the volume in readiness for immediate publication. Dr. Lee states in his preface to the work, "With Professor Verworn's consent, I have undertaken the arduous task of translating and editing the book—first with the hope that in its English form it may enable English speaking biologists and general scientific readers to realize more fully than before the wide scope of the science of physiology; and secondly because the book presents in a form convenient for the use of students suggestive and stimulating discussions of vital physiological questions." The work will be illustrated with 285 cuts.

MESSRS D. APPLETON & COMPANY'S recent publications include *Windyhaugh*, an important novel by Graham Travers, author of *Mona Maclean*; *The Cruise of the Cachalot, or Round the World after Sperm Whales*, by Frank T. Bullen, First Mate; *General Sherman*, by General M. F. Force, a new volume in the Great Commanders Series; *Puerto Rico and its Resources*, by Fred. A. Ober; *A History of Japanese Literature*, by W. G. Aston, a new volume in the Literature of the World Series; *The Story of the Cotton Plant*, by F. Wilkinson, and *The Story of Geographical Discovery*, by Joseph Jacobs, two new volumes in the Useful Story Series; *The Key of the Holy House*, a romance of old Antwerp, by Albert Lee; *A Writer of Books*, by George Paston; a new edition, revised and enlarged, of *The Scapegoat*, by Hall Caine, and new editions of *Nuñez Spanish Readers*, and *Earthquakes and Other Earth Movements*, by John Milne.

THE MACMILLAN COMPANY have in press for early publication *The Government of Municipalities*, by the Hon. Dorman B. Eaton, formerly Commissioner of the United States Civil Service.

The author has treated the subject theoretically in reference to American constitutions and the relations of the city to the State, and practically in the light of the experiences of both American and European cities. The causes of our municipal evils are set forth and the author has explained the organizations and methods which he thinks likely to be most effective for their removal. The question of Home Rule and the theory of an autocratic Mayorality are broadly treated. Both the actual and the true relations of political parties to city government are set forth, and it is shown by what means parties have gained an unjustifiable control of American cities. The relation of Tammany politics to the government of New York City is very fully treated, as is also the new charter of Greater New York.

*The Life and Remains of Rev. R. H. Quick* have been edited by Mr. Francis Starr, the editor of the *Journal of Education* (England), and will be published by The Macmillan Company shortly. This noted educator, schoolmaster and writer was the first of modern English writers to succeed in making a book on education readable and at the same time sober and rational, and the secret of his success was that he criticized past theories and methods by the light of living experience. Besides numerous pedagogical papers and pamphlets, dealing mainly with the training of teachers and methods of teaching, he edited Locke's "Thoughts Concerning Education," and reprinted with introduction Mulcaster's "Positions." His article on Froebel in the *Encyclopædia Britannica* was published separately. He was Dr. Merriman's right hand in the organization of the first successful public school for the middle classes in England. His was a long life, active in all that interests the student of educational work and progress.

*The Trail of the Gold Seekers* is the title of a new book by Mr. Hamlin Garland, which The Macmillan Company will publish in June. It is the literary result of his trip over the trail last year when he

led a pack train from Ashcroft, British Columbia, to the Stickeen river, and afterwards joined the miners' stampede for the Atlin Lake country. The same firm also announce that they will publish in March a new edition of *The Rose of Dutcher's Coolly*, revised by the author, and with an additional final chapter. Mr. Garland has changed the spelling of the last word of this title so that it will henceforth run *The Rose of Dutcher's Coule*. A new edition of *Main Travelled Roads* with some added stories will be brought out in April, and in May the same publishers will bring out, with the addition of some stories and about ten of his most popular dialect poems, a new edition of Mr. Hamlin Garland's *Prairie Folks*. The Macmillan Company also announce that in October they will publish another new book by Mr. Garland which will be called *Boy Life on the Prairie*.

THE Maryland Geological Survey has issued its second volume, containing several scientific papers which add largely to the economic and historical knowledge of the State. To the "Report on the Building and Decorative Stones of Maryland," Professor George P. Merrill contributes a chapter on the physical, chemical and economic properties of building-stones which will be of value to quarriers and contractors. A more detailed study of the character and distribution of Maryland building-stones, together with a history of the quarrying industry, by Dr. E. B. Mathews, embodies the result of careful investigations in the field and in the laboratory. This paper is illustrated by numerous colored heliotypes which reproduce very vividly the characteristic appearance of the more important stones. The "Report on the Cartography of Maryland" consists of two sections. That on the aims and methods of cartography, by Henry Gannett, comprises a complete digest of topographical methods. Dr. Mathews's paper on the maps and map-makers of Maryland contains reproductions of some of the early maps, and reveals many interesting facts regarding physiographic changes which have occurred in historic times along the Chesapeake and Atlantic coastline. All the illustrations and maps are of a high order of excellence, and the book as a whole makes a most attractive appearance.

*Jesus Delaney* is the title of a novel by Joseph Gordon Donnelly, which will be published early in the spring by The Macmillan Company. It is a strange tragic-comedy and is related by a man who has made a fortune on "'change" in Chicago, and who, inflamed with missionary zeal, uses his wealth to support a mission in Mexico. While working down there his servant is the young convert Jesus Delaney. Delaney is a component of Spanish, Indian and Irish blood and has been educated in a northern college. Art, emotion, love burst the bonds which have been tied round him by the cold evangelical teaching, and his heredity proves too powerful for his religious environment. The juxtaposition of so much that is noble and so much that is mean in the mission has enabled the author to make some striking characterizations. Incidentally a very interesting view is obtained of the relations between Catholic and Methodist missionaries in some parts of Mexico. The tragical comedy of Jesus Delaney's life hinges on the complexity of his heredity and makes the story one which it is difficult to lay down.

*Hugh Gwyeth, a Roundhead Cavalier*, by Beulah Marie Dix, will be shortly published by The Macmillan Company. It is a stirring novel of war and adventure. The period is that of Charles I., as the title shows. This title, by the way, refers to the fact that the hero when a boy is close cropped like a Roundhead, although he fights on the King's side. Hugh Gwyeth is introduced to us when sixteen years of age, and is living with Roundhead's uncles and cousins when he learns that his father, whom he has never seen, is a captain in the ranks of the King. The youth leaves this home to join his father, but as circumstances conspire to make the father think his son low spirited and a coward, he repulses him with contumely. Hugh, however, proves his courage in duel and battle and is finally reconciled with his father. The love story which runs through the adventure adds its romantic background. The characters of the story are clear-cut, well sustained and with interesting individualities, while the novel itself is emphatically one of action and incident. Its atmosphere, its color, and phrasing, all belong to those great years in English history which witnessed the

struggle between Cromwellian and Stuart forces.

THE Hon. Carroll D. Wright, the United States Commissioner of Labor, is preparing a special American edition of *The Statesman's Year Book* to be issued in March, 1899, by The Macmillan Company. The statistical and historical material which has hitherto made this annual so indispensable will, as usual, be brought up to date by the European editors in so far as it relates to the rest of the world. The Hon. Carroll D. Wright has undertaken the complete enlargement and revision of the details relating to the United States. Heretofore the *Year Book* has contained but few pages of matter relating to the United States. It is now proposed to completely revise and greatly enlarge the chapters on the United States, so as to include all official information the public man, writer, or speaker may require. Among other data there will appear those of the personnel of Congress and of the Federal and State governments, Finances, Population, Immigration, Production and Industry, Congress, the Army and Navy, Commerce, Diplomatic Officials, both of the United States and of foreign countries, Universities, Colleges and Schools, Shipping and Navigation, Civil Service, Public Domain, Bankruptcy, Insurance, Politics, Votes, Pensions, Patents. Liquor Traffic and the facts relating to many other timely topics. In this edition it will be a complete "vade mecum" for every American public man, while retaining all the material relating to the rest of the world which has hitherto made it indispensable.

THE American Economic Association has published (through the Macmillan Co.) the first of its studies for 1899, containing the notable presidential address of Professor Hadley, on the "Relation between Economics and Politics," and the reports of two committees, on currency reform and on the twelfth census. All deserve careful attention, and give evidence of the useful activity of the Association. The Report on Currency Reform is a temperate and careful statement, by a body of competent specialists, of the reasons why reform is needed, and of the direction in which it should proceed; and, without obtruding any pet plan of its own, gives

advice which, alas, the average congressman is too apt to disregard. Yet every such judicial statement of the needs of the case has its effect on public opinion, and serves to strengthen the slow-gathering convictions of the half informed legislator. The Report of the Committee on the Twelfth Census is a more elaborate production, and criticises in detail the methods of our overgrown census. A reasonable pruning of the scope of the census is generally advocated, and the familiar and sensible recommendation for the establishment of a permanent census bureau is repeated. We observe that the complete reports by the various experts (some twenty in number) who examined for this committee the several divisions of the census, are to be published in full as one of the larger monographs of the Association. The volume so made up will be a mine for all who have occasion to use the census volumes, and will command attention among the official compilers of statistics the world over.—*Nation*.

AMONG the books to be published in the spring by Little, Brown & Co. are two American novels, *Each Life Unfulfilled* by Anna Chapin Ray, author of *Teddy: Ner Book*, etc., and *The Kinship of Souls*, by Rev. Reuben Thomas; a new historical romance of the time of Henry of Navarre, by William Henry Johnson, author of *The Kings Henchman*, entitled *King or Knave, which Wins?*; *In Vain*, by Henry Sienkiewicz, author of *Quo Vadis*, translated from the Polish by Jeremiah Curtin; *Pastor Naudie's Young Wife*, translated from the French of Edouard Rod, by Bradley Gilman; a translation of Victor Charbonnel's work *La Volonté de Vivre*, by Miss E. Whitney, with an introduction by Lilian Whiting, author of *The World Beautiful*; a new edition of Lilian Whiting's poems *From Dreamland Sent*, with additional verses; *The Nabob*, translated from the French of Alphonse Daudet, by George Burnham Ives, with an introduction by Brander Matthews; three volumes in the new Collected Library Edition of the works of Edward Everett Hale; *A Boy in the Peninsular War: The Services, Adventures and Experiences of Robert Blakeney, Subaltern in the 28th Regiment*, An autobiography, edited by Julian Sturgis; a new edition of Captain Mahan's *Life of Nelson*; *Stars and Telescopes*, a

*Handbook of Popular Astronomy*, by David P. Todd; *The Miracles of Antichrist*, a new book from the Swedish of Selma Lagerlöf, author of *The Story of Gösta Berling*, translated by Pauline Bancroft Flach; also a new edition of Katharine Prescott Wormeley's translations of Balzac *The Comédie Humaine*, to include new material and nearly one hundred photogravure plates by French artists; new editions of Anna Bowman Dodd's *Cathedral Days, a Tour in Southern England*, and the same author's *Three Normandy Inns*.

G. P. PUTNAM'S SONS announce the publication of a new quarterly journal devoted to the interests of Anthropology. This periodical, which has been established under the auspices of Section H of the American Association for the Advancement of Science (to which section is given over the study of anthropology), will be issued under the title of *The American Anthropologist (New Series)*. It will be addressed to the general reader, as well as to the specialist in the study of man; every effort will be made to render it representative of the science of anthropology, and especially of anthropology in America. The divisions of the journal will include:

(1) Original papers of high grade, pertaining to all parts of the domain of anthropology. (2) Briefer contributions on anthropological subjects, including discussion and correspondence. (3) Reviews of anthropologic literature. (4) A current bibliography of anthropology. (5) Minor notes and news.

Each number will contain 200 octavo pages, and will be fully illustrated. The subscription price per year will be \$4.00; the price of single numbers will be \$1.25.

The Board of Editors has been selected from among the most distinguished American authorities upon anthropology. It will comprise: Dr. Frank Baker, Smithsonian Institution, Washington, D. C.; Dr. Franz Boas, American Museum of Natural History, New York; Dr. Daniel G. Brinton, University of Pennsylvania, Philadelphia, Pa.; Dr. George M. Dawson, Geological Survey of Canada, Ottawa; Dr. George A. Dorsey, Field Columbian Museum, Chicago, Ill.; Professor William H. Holmes, U. S. National Museum, Washington, D. C.; Major J. F. Powell,

Bureau of American Ethnology, Washington, D. C.; Professor Frederic W. Putnam, Peabody Museum, Cambridge, Mass.; Secretary and Managing Editor, F. W. Hodge, 1333 "F" Street, N. W., Washington, D. C.

*The Gospel for a World of Sin* is the title of the new book by Dr. Henry Van Dyke. It will be published at an early date by The Macmillan Company, and is intended to be in a certain sense a sequel to *The Gospel for an Age of Doubt*, of which a sixth and revised edition was published in October, 1898. The previous book was written from the standpoint of sympathy with the honest doubt of the present day. It was an attempt to find an answer to the questioning spirit of modern times in the person of Christ as a fact in history and a living force in spiritual experience. This real person, presented as the human life of God, is the strongest evidence of the everlasting reality of religion. His character and teachings bring us within sight of a practical solution of the most difficult problems of faith. But one element in the person of Christ which gives Him power to dissolve doubts is the great attraction which flows from Him as the Saviour of sinners. The limitations of space forbade the full development of this thought in the first volume. It is from this point that the second volume proceeds.

It speaks of Christ as the divine answer, not merely to the doubts which trouble the present age, but also to the sense of sin which troubles all the ages and demands through all the world a real reconciliation of sinful humanity to the holy God. The book deals with the actual human need of a deliverer from sin, not as a theory, but as a fact. It shows that the claim of Jesus to be able to meet this actual need is an essential element of His offer of Himself as the Christ. It presents the great act of a perfect sacrifice for sin as an indispensable part of the human life of God. It finds the center of religion in Christ, and the center of Christ's mission in the cross. It tries to interpret the meaning of the atonement in the simple language of human experience. It is a restatement of the old truth that the perfect Son of Man is "the lamb of God that taketh away the sin of the world;" and

it points to this truth as the vital gospel which a world of sin will always need.

MESSRS. G. P. PUTMANS SONS' spring list includes *Historic Towns of the Middle States*, uniform with *Historic Towns of New England*. Edited by Rev. Lyman P. Powell. This volume will cover the following subjects: Albany, Kingston, Newburgh, Saratoga, Pittsburg, Tarrytown, Philadelphia, Princeton, Wilmington, Schenectady, Brooklyn, New York. *History of the Territorial Expansion of the United States*, by Charles Henry Butler. *History of the People of the Netherlands*, by Professor P. J. Blok, of the University of Leyden, translated by Ruth Putnam. Second volume. *The Civil War on the Border*, by Wiley J. Britton. Part II. The continuation of the *Writings of James Monroe*, edited by S. M. Hamilton. *The Writings of James Madison*, edited by Gaillard Hunt, of the Department of State. The sixth and concluding volume of *The Writings of Rufus King*, edited by Dr. Charles R. King. The tenth and concluding volume of *The Writings of Thomas Jefferson*, edited by Paul L. Ford. *Bismarck and the New German Empire*, by J. W. Headlam. *Oliver Cromwell and the Rule of the English Puritans*, by Charles Firth. *The Story of the People of England in the Nineteenth Century*, by Justin McCarthy, M.P., author of *A History of Our Own Times*, *Life of Sir Robert Peel*, *The Story of Gladstone's Life*, etc. In 2 vols., Nos. 53 and 54 in *The Story of the Nations Series*. Fully illustrated. *The West Indies*. A History of the Islands of the West Indian Archipelago, together with an Account of their Physical Characteristics, Natural Resources, and Present Condition, by Amos Kidder Fiske, A.M., author of *The Jewish Scriptures*, *The Myths of Israel*, etc. *The Story of China*, by Robert K. Douglas, of the British Museum. *The Story of Austria*, the Home of the Hapsburg Dynasty, from 1282 to the Present Day, by Sidney Whitman. *The Life of George Borrow*. The Life, Writings, and Correspondence of George Borrow, 1803-1881, author of *The Bible in Spain*, *Lavengro*, etc., based on Official and other Authentic Sources, by William I. Knapp, Ph.D., LL.D. *A Life of Paul Jones*. Fully illustrated and embodying material not before presented, by James Barnes. *The Law*

and *History of Copyright in Books*, by Augustine Birrell, Q. C. *The United States Naval Academy*. A sketch of its history, with a full analysis of the character of its present work and of its relations to the navy and the community, by Park Benjamin. Illustrated. In the Science Series the next volume will be *Volcanoes: Their Structure and Significance*, by T. G. Bonney, D.Sc., LL.D., F.R.S., Professor of Geology at University College, London. No. 5 in the *Science Series*. Illustrated. *Roman Africa*. Archaeological Walks in Algiers and Tunis, by Gaston Boissier, author of *Cicero and His Friends*, *Rome and Pompeii*, *The Country of Horace and Virgil*. Authorized English Version by Arabella Ward. With 4 maps. *Industrial Cuba*, by Robert P. Porter. *Proportion and Harmony in Line and in Color*, by George L. Raymond (author of *Poetry as a Representative Art*, *The Genesis of Art Form*, etc.). *A Junior Course in Practical Zoology*, by Marshall and Hurst. Fifth edi-

tion, revised and enlarged. *Our Insect Friends and Foes*. Fully illustrated, by Belle S. Cragin. *Nature Studies in Berkshire*. Illustrated by reproductions in photogravure of nature photographs, by the Rev. W. Coleman Adams. *Ornamental Shrubs*, by Lucius D. Davis. Fully illustrated. *Miss Cayley's Adventures*, by Grant Allen. Illustrated. *The Children of the Mist*, by Eden Phillpotts. *John Marmaduke: A Romance of the time of Cromwell*, by S. H. Church. New and cheaper edition. *Lone Pine*, a story of adventure on the Prairies of the Southwest, by R. B. Townsend. *Shakespeare in France*, by J. Jusserand, author of *English Waysfaring Life*, etc. *A Study of Wagner*, by Ernest Newman. *Dante Interpreted for Students*, by E. Wilson. With original translations from *The Inferno*. *The New Far East*. A study of present political conditions and prospects, by Arthur Diosy. *Islam in Africa*, by the Rev. Anson P. Atterbury, D.D.

## Reviews.

### GENERAL LITERATURE.

*The Story of France*. From the Earliest Times to the Consulate of Napoleon Bonaparte. Vol. I. Vol. II. in press. The Macmillan Company.

"There is ample room for a work written on the lines which Mr. Watson has laid down for himself, for his purpose is to give a clear narrative of the gradual development of a great people, with no attempt to fill in every detail. \* \* \*

"Mr. Watson has not only done a work that was worth the doing, but he has done it, for the most part, exceedingly well \* \* \*

"He has given us a highly interesting book upon one of the most fascinating themes of history, an historical drama of which the interest steadily grows from the humble beginning of the nation to the consummation. \* \* \*

"We shall look with great interest for the publication of the description of the tragic events of the reign of Louis XVI. and the yet more thrilling events that followed the King's decapitation, assured that the story will be well and impressively taught. \* \* \*

"Mr. Watson is lively, alert and forcible. If Homer has been said sometimes to nod, we have not come across a sentence that evidences any similar weakness on the part of the author in the volume before us. \* \* \*

"*The Story of France* is the fruit of great research, and is a conscientious and thoroughly readable presentation of a great theme. The lessons it teaches are many and beyond price, and it will be well for humanity if the world masters them."—*Literature*.

*A History of English Romanticism in the Eighteenth Century*. By Henry A. Beers. Henry Holt and Company.

A study of the literary movement upon which Professor Beers has devoted so much scholarly labor is not without its strong bearing upon contemporary letters. "In modern times," says Boyesen, "romanticism has been placed in opposition to what is called realism \* \* \*. One fundamental note all romanticism has in common, and that is a deep disgust with the world as it is, and a desire to depict in literature something that is claimed to be nobler and better." As far, then, as mere opposition to romanticism is concerned, the realism of Zola and his followers stands now where the periwigged classicism of Pope stood nearly two hundred years ago, and the romantic revolt of that period has more than an historical interest to the modern observer of literary tendencies.

Professor Beers tells the story of the romantic

movement in English literature which began in contention with the Augustans of Queen Anne, and concludes his work at the beginning of the present century. The author presents in himself a rare combination—a scholarly and historical knowledge, which places at his command a seemingly inexhaustible fund of literary data, and a keen and appreciative taste. The style of the book is happily easy, and a certain characteristic humor runs pleasantly between many of the lines. The author is always interesting and lucid, his analyses are clear and profound, and his lighter details of literary happenings are often delightfully amusing. The book is a notable example of the best type of unpedantic literary scholarship, and that it lacks a certain unity of purpose is due, doubtless, to the agreeable fact that it is to have a successor which will bring Professor Beers' study down to the present day. —*Literature*.

*Modern Reader's Bible. Children's Series. Bible Stories (Old Testament).* Edited with an Introduction and Notes, by Richard G. Moulton, M.A., (Camb.), Ph.D. (Penn.), Professor of Literature in English in the University of Chicago. The Macmillan Company.

As in the other volumes of *The Modern Reader's Bible*, the author has followed the Revised Version with frequent substitutions or margin for text. The volume is arranged according to the natural divisions of Bible History: Genesis, The Exodus, The Judges, The Kings and Prophets, The Exile and Return. Each period is represented by its most important stories; the purpose of the introduction and notes to each section is to weave all together by indicating briefly the bearing of each story on the general history. Although this volume is announced as the first in a Children's Series of the *Modern Reader's Bible*, it is not intended for children alone. In fact its relation to the previous volumes of the History Series is practically the same as that existing between the volume of "Select Masterpieces of Biblical Literature" and the Bible as a whole. The volumes, of which this is the first, form a foundation for the study of Bible history. They will be found most useful in the home and the Sunday-school, and also in general reading. The notes and introductions are full and complete as in previous volumes. —*Presbyterian Review*.

*John Adams, the Statesman of the American Revolution.* With other Essays and Addresses, historical and literary. By Mellen Chamberlain. Houghton, Mifflin & Co.

Under the editorial supervision of Mr. Lindsay Swift, Judge Chamberlain has here brought together a selection of the more important papers and addresses prepared by him for various occasions during the last fifteen years. With two or three exceptions, they deal with

subjects in American history and biography, in both of which fields the author has long been a recognized authority. While they by no means represent the sum of Judge Chamberlain's work as a scholar, they serve to exhibit his principles and methods, and his views of the proper standpoint from which to interpret American history. But the invariable citation of chapter and verse in support of his statements, and the constant evidence that his knowledge is based upon first-hand research, give to his historical writings a high and permanent value, and invest his conclusions with a soundness, a freshness and a defensibility to which a less exacting worker could not attain. Add to this power of intelligent and patient labor the mental equipment of a trained lawyer and experienced judge, and a clear and forcible style, and we have a scholar whose work, though not large in amount, combines with singular success industrious search for facts, skill and fairness in weighing evidence, and attractiveness of literary form. Of such qualities American historical scholarship can never have too much. —*Nation*.

*Modern Political Institutions.* By Simeon E. Baldwin. Boston, Little, Brown & Co.

Although this book is made up largely of addresses delivered before various associations, it has a sufficient unity of purpose. According to the author's use of the term, modern political institutions are those "which became such by the recognition and approval of our own century, or are contending for that of the twentieth." Chief among these he reckons the foundation of all government on the consent of a majority of the people, religious liberty, the written constitution as the supreme law, the combination of political absolutism with democracy, the regulation of succession to the dead in the interest of the state, international arbitration, and the Monroe Doctrine. To these are added some institutions of a legal rather than political character, and certain general propositions which have a rather remote connection with institutions of any kind. It is at least doubtful if the Monroe doctrine can be properly described as a political institution; it might now, perhaps, be properly considered in the essay on "The Decadence of the Legal Fiction." Nor is it apparent why the assertion by the Government of a claim to share in the property of decedents should be regarded as anything modern; and the combination of political absolutism with democracy was familiar to Aristotle. —*Nation*.

*Spanish Literature.* By James Fitzmaurice Kelly. Appleton & Co.

The need of an English history of Spanish literature, authoritative and up-to-date, has long been felt, for the want has been but imperfectly supplied by Mr. Butler Clarke's manual and by Mr. David Hanna's volume upon "The Later Renaissance." As for Ticknor, while that

monumental work is not likely to be wholly displaced for a long time, it must be admitted that it is very defective in the light of later research. The need is now supplied, as far as a single volume of moderate dimensions can supply it by the *Spanish Literature* written for the series of "Literatures of the World" (Appleton) by Mr. James Fitzmaurice Kelly, of all living English writers the most competent to prepare such a book. This accomplished Spanish scholar and Cervantist not only knows his subject, but he has also the literary faculty required to make thoroughly interesting reading of such a manual, in which latter respect his volume does not derogate from the high standard already set for this series by Dr. Garnett and Professor Dowden. —*Dial*.

*Through Asia*. By Sven Hedin. Illustrated. New York, Harper and Brothers. 2 vols.

Right in the heart of Asia, where Britain, Russia and China stretch encroaching fingers towards a possible meeting, lies the mysterious tract of country passed over in half a page in our geography books, and omitted, except in vague and general outline, from our atlases. It is a region about which people have inquired little. North and South have been eagerly explored; the Pole and Sahara are brought, so to speak, to our doors. But the centuries have passed with but few attempts to penetrate the core of the mysterious East. There is something about the very name of Khotan, of the Pamirs, of Mus tagh ata, which tickles the imagination, and we confess to something of a superstitious thrill in opening Dr. Sven Hedin's book. For if the hidden Lama is to be unveiled, surely we have a right to expect portents. But what do we find? That Dr. Hedin visited the Temple of the Ten Thousand Images and "had tea" with the "Living Buddha!" Yet that was a mere incident, disposed of in a few lines of a book whose every page is alive with serious interest.

Dr. Hedin has plenty of humor, and of good humor, but his book is one to be taken seriously. He has traversed thousands of miles where no European had ever before set foot; his adventures and experiences have been in themselves extraordinary, and his discoveries of far-reaching importance; but perhaps the charm of the book lies, as much as anywhere else, in the writer's art of telling his story simply and unaffectedly and of keeping the warm human interest alive from first to last. We have never read a more fascinating or a more thrilling travel book. The descriptions of the various attempts to scale the Mus-tagh-ata, of the wonderful scenic effects, of the mental and physical sensations of the traveller, and the grand invincibility of the Father of the Ice Mountains, are enough to set the nerves a-tingling in the bare reading. \* \* \* The book is one of those that one sits up late to finish, that tempt one to forget engagements and neglect duties. These are its

dangers, but they are such that most of us willingly brave. Those who let the book pass unread will have missed an exceptional pleasure. —*Bookman*.

*The Maine*. An Account of Her Destruction in Havana Harbor. The Personal Narrative of Capt. Chas. D. Sigsbee, United States Navy. Decorated covers. Illustrated. 8vo. The Century Company.

Probably no single event exercised so powerful an influence in precipitating the late war as the destruction of the battleship "Maine." On this account, therefore, if for no other reason, Capt. Sigsbee's personal narrative of the events bearing on the great catastrophe is sure to excite the liveliest interest, and especially so since the book issues from the press within a fortnight of the first anniversary of that memorable February 15th. The clear, straightforward story of Capt. Sigsbee, his careful noting of all essential details of the vessel's reception by the Spaniards in Havana, of the explosion, and of the subsequent work of the wreckers and the court of inquiry, must be recognized as constituting a statement of the highest possible authority, while the appended copies of Ensign Powelson's report on the cause of the explosion and of the findings of the American and Spanish courts of inquiry render the book additionally valuable for historic reference. —*Times*, New York.

*The Life of Henry Drummond*. By George Adam Smith. Doubleday & McClure Company.

So unusual a career as that of the late Professor Drummond demands an exceptional biography. Dr. George Adam Smith, the eminent theologian of Free Church College, Glasgow, was chosen by the family and friends of Professor Drummond as the authorized biographer, and to him were intrusted all the papers, journals and letters that Professor Drummond left. It could hardly be expected that a biographer in full sympathy with Drummond's work as an evangelist would be able to give a picture of the man that should be wholly satisfactory to the scientist. To accomplish this, it would be almost necessary to have a duplication of Drummond's remarkable personality in his biographer. But, while Dr. Smith may have had less appreciation of the scientific than of the evangelistic side of Drummond, he has certainly shown excellent judgment in the selection of materials for the present volume. While he devotes much space to the great evangelical movements in which Drummond was so commanding a figure, Dr. Smith is more concerned to bring his readers into touch with Drummond himself as a man of intensely human interests and far-reaching sympathies. Even the admirers of Drummond's writings—and they are numbered by the million—will find in this biography a revelation of the real Drummond which will fascinate them even



more. We should not close this brief notice without mentioning those features of the book that have special interest for the American reader. Drummond's diary of his expedition to the Rocky Mountains, and his chapter on the wonderful campaign among the American colleges in 1887 are both illuminating and inspiring.—*Review of Reviews*.

*The American Revolution*. Part I.—1766–1776. By the Right Hon. Sir George Otto Trevelyan, Bart., author of "The Life and Letters of Lord Macaulay" and "The Early History of Charles James Fox." Longmans, Green & Co.

Beyond any study of the American Revolution yet written, this opening volume of Sir George Trevelyan's history traces that momentous conflict back to its root in the animosities, prejudices, interests and general personal responsibility of a comparatively small circle of influential men in the British Government. It is this aspect of the history we have in mind when we speak of it as a personal history of the American Revolution. Some great wars, perhaps for the honor of mankind we should say most great wars, have their origin in causes which lie deep in the nature of the case, and are the outgrowth of differences in the habits, customs, interests or physical conditions of the people. The point in Sir George Trevelyan's history is that no such rooted differences lay behind the American Revolution, that it had no such causes as were incapable of rational adjustment, and that what differences there were arose in the incompetence, arrogance and blundering insensibility of English officials, and at any time down to Bunker Hill and the evacuation of Boston might have been settled without the rupture of relations with the Crown, by the conversion of the King, Parliament and Government to a rational view of the situation. \* \* \* The present volume ends with the evacuation of Boston, June, 1776. The lines on which the war was to be carried on and the American resistance developed were by this time distinctly laid down, and the ultimate issue of the struggle is plainly seen. Nothing could be more finely done than Sir George Trevelyan's development of the forces engaged, and especially of the self-reliant, sturdy, but high-minded and conscientious individualism which made the Americans right, in the first place, and unconquerable in the next. His sketches of John Adams, Franklin, General Putnam and of Washington add something new and which we could not afford to miss in the great mass of portraiture already in existence, while as to the colonial life, homes and training of New England, few among our living writers know it as well and none know it better. \* \* \*

We most earnestly hope that the recognition extended to this volume will encourage the author to carry forward his work in a second, as he intimates he may.—*Independent*.

*The Story of the Mind*. By James Mark Baldwin. D. Appleton & Co.

For a clear and concise presentation of the framework of psychology and its basal truths, the *Story of the Mind* may be commended. Although the space afforded is only that of a bird's-eye view, no skeleton bristling with technical terms confronts us, but an attractive and well-furnished structure with glimpses of various divisions that tempt us to further examination. The text is simply and charmingly written, and may induce many to search the recesses of psychology, who, under a less skillful guide, would be frightened away. A bibliography at the end of the volume supplies what other direction may be needed for more advanced study.—*Popular Science Monthly*.

*The History of Mankind*. By Professor Friedrich Ratzel. Translated from the Second German Edition by A. J. Butler, M.A., with Introduction by E. B. Tyler, D.C.L., F.R.S. With Colored Plates, Maps and Illustrations. (Three Vols., large 8vo.) Macmillan Company.

The first German edition of this work was published in 1885–88, and became known at once as a standard guide to the study of man and his civilization under the German title of Ratzel's *Völkerkunde*. The first volume of this English translation appeared in 1896, and its progress has been noted in our columns to its completion in Volume III. This translation is from the second edition of 1894–95, which was revised and condensed about one-third. The illustrations in the volume are very numerous and are introduced to serve a special purpose in developing the history which no verbal description could perform as well. The work has vindicated its place in the best class of popular illustrated books and as having a solid foundation in accurate and thorough anthropological study. In a science which is making such rapid advances as anthropology, five years is a long time, and it would be a rash man who would undertake to say that everything in so large a work as this was up to the latest opinion. The general reader may rest content that he can obtain no better guide than this to introduce him to this great field of study nor to open it to him in a more systematic, thorough or intelligible and enjoyable way than this English version of Ratzel's *Völkerkunde*, *The History of Mankind*.—*Independent*.

*The Autobiography of a Veteran, 1807–1893*. By General Count Enrico della Rocca. Translated from the Italian and edited by Janet Ross. Macmillan.

The translation of Della Rocca's memoirs has been made by Mrs. Janet Ross, daughter of that delightful letter writer, Lady Duff Gordon, and granddaughter of Mrs. Sarah Austin, who was herself well known as a writer and translator. In translating, Mrs. Ross has somewhat con-

densed, especially the passages dealing with military details, which, for the ordinary reader, have little meaning and less interest. The result, so far as we have compared the translation with the original, is usually satisfactory. We have noticed no instance in which the General's opinions have been misrepresented through omission or condensation.

The work as it stands in English, even more as it stands complete in Italian, is as entertaining as it is important. It will take its place along with the autobiographies of Garibaldi and of Massimo d'Azeglio as a successful personal record of a great period. Many readers besides those who pay special heed to the history of recent Italy, will enjoy it, because it not only gives fresh news of famous persons and events, but also reveals in its author a character intrinsically interesting. It is well worth reading. In writing it, the chivalrous old general has added another historical portrait to the really vital documents *pour servir* of the century.—*Nation*.

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*The Story of the Civil War.* By John Codman Ropes. Putnams. Part II.

This second part sustains the high repute of the former part and brings the critical discussions of the operations of the war to January of 1863. There are probably few civilians in the country competent to criticise Mr. Ropes's views on strategy and tactics. He has devoted the scholarly leisure of a life time and the training of one learned in the law and in the shifting of evidence to this and kindred problems. We will not, therefore, attempt to pass judgment or to go here beyond a summary presentation of his conclusions. Grant at Donelson did what was expected of him, but that was not very much. At Shiloh he showed "great recklessness," and "can hardly be said to have undertaken to perform the functions of a commander." Halleck showed himself ingeniously incompetent. Mr. Ropes is far from sharing the general admiration for Stonewall Jackson, or even for Lee, whom he regards as the ablest military leader of the year. He thinks Lincoln and McClellan neutralized one another's virtues by their faults, while Pope and Burnside were quite unequal to their tasks. Constant neglect of opportunity, lack of co-operation, political jealousy and interference left the military situation at the close of 1862 far more favorable to the South than could have been expected at the beginning of the year, and showed on a large scale most of the shortcomings in high places and of virtues in the ranks that the late war has illustrated on a small one. Though the book is critical, it is not carping, and the tone throughout betrays no partisanship. The work challenges attention, and deserves it.—*Churchman*.

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*Theories of the Will in the History of Philosophy.*  
By Archibald Alexander Charles Scribner's Sons.

Mr. Alexander's book gives an admirable epitome of the development of the theory of the will from the dawn of Greek philosophy down to Lotze. The author's purpose has been twofold: to contribute a fairly exhaustive monograph to the history of philosophy, and to set forth a constructive explanation of voluntary action. The first is obviously an indispensable introduction to the second. The reason Mr. Alexander closes his review with Lotze is because, since the latter's death, the methods of psychology are being so swiftly revolutionized that a definitive treatment of the subject would be premature. \* \* \*

The plan of the work includes a minute description of the theories of Locke, Hume, Hobbes, Reid, Spinoza, Leibnitz, Descartes, Kant, Fichte, Schelling, Hegel and Schopenhauer. A valuable feature is its wealth of references, very happily quoted in the exact words of the author, whether he wrote in Greek, Latin or German. The book will take a very high place in the literature of the subject, since it is both a scholarly and an exhaustive contribution.—*Churchman*.

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*A Short History of Switzerland.* By Karl Dändliker. Translated by E. Salisbury. The Macmillan Company.

It is well known that Dr. Karl Dändliker, of Zurich, the author of a learned "Geschichte der Schweiz" in three volumes, has also written a manual of Swiss history, which, like his larger work, is held to be a standard authority by German readers. We announce with great pleasure the appearance in English form of this one-volume sketch. The translation is entitled *A Short History of Switzerland*, and has been made by E. Salisbury (Macmillan). The chief cause of the satisfaction which we feel at the appearance of this book is quickly stated. To the best of our knowledge no thorough study of Swiss history (leaving aside essays or monographs on constitutional topics) has yet been published by an English-speaking author. One could easily recall the titles of several books which make pretensions, but in no case are we aware that fulness of erudition is a chief characteristic. \* \* \* Concerning Dändliker's scope and the quality of his writing, much might be said were this the proper place for an extensive review. He is not picturesque nor even animated, but he is clear—and that statement carries high praise when applied to a history of Switzerland. For complexity of topics the cantons hardly equal the towns of mediæval Italy, and yet the two may be brought into comparison. Cave dwellers, lake dwellers, Helvetii, Romans, Alamanni, Burgundians and Franks are easily managed; nor does the League of Forest Cantons present much difficulty. But when the earlier *Bund* becomes one of eight, and this again a *Bund* of thirteen, the threads mingle so blindly that skill is required in keeping the clue. Dändliker, besides being a master of the facts,

is intelligent and intelligible. It follows that the sketch now translated should take rank before any other manual which is available in English.

The English version of it must also be commended for smoothness and accuracy.—*Nation*.

### EDUCATIONAL.

*Elements of Sanitary Engineering.* By Mansfield Merriman. John Wiley & Sons. 1898.

The book opens with an interesting and, for a student, instructive series of historical notes. This is followed by a section dealing with "classification of disease," wherein may be found the novel proposition that "disease is normal and health ideal"—a view that will call forth much opposition.

The illustrations distinguished between contagion and infection are good, but the suggestion that goitre is probably due to the use of limestone water is hardly warranted; for, were it a fact, the hard waters of southern England should produce the disease abundantly.

An excellent and timely statement is given in the table on page 17, showing how much more serious is consumption than sundry other diseases against which we take far greater pains to guard.

The relation of filth to disease is well put, and the illustrations are striking. The chapter on "drinking water and disease" is in terse form, suitable for class room work, but the remarks concerning the Hamburg cholera epidemic need to be supplemented by a map of the city, in order to grasp fully what may be learned from that instructive outbreak.

The book is evidently intended for use as a student's text book, and excellent questions are inserted at frequent intervals, which require the student to make use of a reference library. This is a very valuable feature, and one but rarely found. There is, unfortunately, no index.—*Science*.

*The Problems of Philosophy* An Introduction to the Study of Philosophy. By John Grier Hibben, Ph.D., Stuart Professor of Logic in Princeton University. Charles Scribner's Sons.

Professor Hibben keeps strictly within the limits he has laid down, and has succeeded in writing an introduction to philosophy which is better adapted to the needs of the beginner than any similar work now in the field. He gives a simple, intelligible and precise account of the problems of philosophy, and of the various solutions which have been offered. He never obtrudes his own point of view, and always presents the reader with a sympathetic and objective statement of the theory under discussion. Another important feature of the book is its size. The author has evidently realized that an introduction should be brief, and he has attained this end by shunning prolixity of statement and superfluous repetition. Moreover, his book has

all the attraction which an excellent literary style can lend, and for this reason, among others, it ought to appeal not merely to the professed students of philosophy, but also to a wider circle of readers. \* \* \*

As already stated, the book as a whole is an unusually successful attempt to meet the wants of the beginner, and can be very cordially recommended.—*Philosophical Review*.

*Rivers of North America.* A Reading Lesson for Students of Geography and Geology. By Israel C. Russell. Illustrated. G. P. Putnam's Sons.

The third volume in the Science Series, edited by Professor J. McK. Cattell is the very welcome monograph by Professor Israel C. Russell, the full title of which is quoted above. In this, the fourth volume that Professor Russell has given us concerning the greater topographic forms of North America, we have a treatise that has long been needed for every-day use, particularly by those of us who are teachers. The particular serviceableness of the book, however, does not lie in the fact that Professor Russell has given us a single volume reference book concerning American rivers, but because he first, in this country, has here presented a general consideration of the work, function and phenomena of rivers in general. Indeed this volume is the best popular and yet scientific treatment we know of the origin and development of land forms, and we immediately adopted it as the best available text book for a college course in physiography.—*Science*.

*The Structure and Classification of Birds.* By Frank E. Beddard, M.A., F.R.S., Professor and Vice-Secretary of the Zoological Society of London. Longmans, Green & Co. With 252 text figures.

Mr. Beddard is to be congratulated upon having brought to a successful issue a task contemplated, and even commenced, by his predecessors, Garrod and Forbes, and as these by their labors have done much to further the work, and as their note-books have been freely drawn upon, they too may be credited with a share in the finished product. While we may admit that a handbook on avian anatomy is scarcely so much needed now as when conceived by Garrod, the present volume is none the less welcome. The monumental treatise of Fuerbringer and the detailed work of Gadow are not at everyone's disposal, and there are still ornithologists who, to their sorrow, have failed to

acquire that knowledge of German which is now almost indispensable to the ornithologist. Hence this book, replete with anatomical facts, is one that no working ornithologist can afford to do without. Not only does it contain a vast amount of original work, but a host of references to that of others.—*Science*.

*Handbook of Metallurgy.* By Dr. Carl Schnabel, Konigl. Preuss. Bergath, Professor of Metallurgy and Chemical Technology at the Royal Academy of Mines at Clausthal. Translated by Henry Louis, M.A., A.R.S.M., etc., Professor of Mining at the Durham College of Science, Newcastle-upon Tyne. Macmillan & Company, Limited. New York, The Macmillan Company. 2 vols. 927 illustrations. Price, \$10.00.

The translator, in his preface, says that he thinks he is rendering the English metallurgist a distinct service in submitting to him a translation of the most recent and most exhaustive work on the subject in any language. His belief is fully justified. No really good treatise on general metallurgy has appeared in English in over thirty years, and the present work fills a void in technical literature that has long been felt. The object of the work, according to the preface, has been to give a complete account of the metallurgist treatment of every one of the metals ordinarily employed, together with all the recent improvements in the art, while at the same time pointing out the scientific principles underlying each process, and illustrating each by examples drawn from actual practice in various parts of the world.

We regret to find that "every one of the metals" treated of in the work does not include iron, and it is not evident from the preface whether or not a third volume, on iron and steel, is contemplated by the author. A good work on the metallurgy of iron and steel of the same size and written in the same style as that of the volumes before us is greatly needed.

The first volume is devoted to copper, lead, silver and gold, the space given to each being respectively 275, 180, 296 and 124 pages. The second volume treats of zinc, 240 pages; cadmium, 9 pages; mercury, 97 pages; bismuth, 27 pages; tin, 56 pages; antimony, 41 pages; arsenic, 25 pages; nickel, 101 pages; cobalt, 21 pages; platinum, 11 pages; aluminum, 39 pages. There is a very complete geographical index covering 24 pages and a general index of 44 pages.

The style of the author is remarkably clear and concise, and the translation is so well done that it is difficult to find any traces of its German origin. The printing and illustrations are excellent.—*Engineering News*.

*Economics.* By Edward Thomas Devine. The Macmillan Company.

This work differs in several ways from the ordinary text book of political economy. In the

first place, it is intended to serve as an introduction to the study of social problems in general, rather than as an elementary manual of the science of economics. The author's discussion of the different divisions of the subject is less formal than is usually the case in books of this class. This is perhaps partly due to the fact that the volume has been prepared with special reference to the needs of university extension students, and others especially interested in charitable or social effort. At the same time it may be profitably used by high school and college classes. The style is pleasing, and the methods of statement clear and in general convincing. On the whole, the book is admirably adapted to the purposes which the writer had chiefly in mind when preparing it.—*Review of Reviews*.

*How to Prepare for a Civil Service Examination.* By Francis E. Leupp. Hinds & Noble.

This is a useful manual for persons wishing to enter the Government service. The book shows the practical character of the tests to which applicants for positions in the classified service are subjected, and, outlining as it does the requirements, salaries, nature of examination, etc., of all employees of the Government outside of the army, navy, and marine corps, the information it contains is almost indispensable to applicants for Government positions. Incidentally the work furnishes encouraging reading to Civil Service Reformers.—*Outlook*.

*The Foundation of Zoology.* By William Keith Brooks, Ph.D., LL.D., of Johns Hopkins University.

This book comprises thirteen lectures given at Columbia University on the principles of science as illustrated by zoology. The title hardly indicates what the reader discovers, that the philosophical interest dominates the physical. The author's purpose is to show that there is nothing in the acceptance of mechanical conceptions of life and consciousness and mind inconsistent with our fundamental beliefs concerning freedom, duty, responsibility, or even immortality. This from an avowed, though independent, disciple of Berkeley is quite striking.

\* \* \* \* \*

With full recognition of the opening questions, and the possibilities before a science yet in its infancy and obligated to all modesty of assertion, he declares that there are at present insuperable objections to the view that the organizing influence which we call "life" is either matter or energy. While the reduction of the phenomena of life to those mechanical principles which hold good in the organic world would show these two worlds to be different aspects of one and the same world, "it could not show that man is anything else than man, or mind anything but mind." For one who would cultivate either in physics or metaphysics a severely scientific spirit Professor Brooks' work is an admirable discipline.—*Outlook*.

## Books Received.

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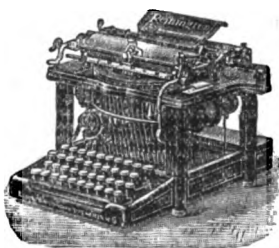
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*April 1899*

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## **The Short Line War**

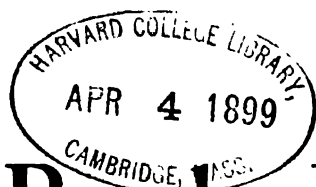
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A novel through which is woven the story of an attempt by the "C. & S. C." Ry., a trunk line from Chicago to the West, to seize illegally the "M. & T." (the short line), an important "feeder" to the larger road. The president of the M. & T. is James Weeks, a typical product of the Middle West, who devotes all the energy and resource of his rugged character to the defence of the short line. His life is pictured with emphasis upon its blending of success and pathos. The manipulation of stocks, legal deadlocks, and an attempt to take forcible possession of the road with the resulting defence go to make up the plot. The climax involves intervention by the Governor of the State, who places the road under military control. At the time of the greatest confusion Weeks saves the road by an exhibition of strategy to which his lieutenants contribute.

The personal interest of the story is woven about the characters of "Jim" Weeks, Harvey West, his private secretary, Porter, the "C. & S. C." vice president, a promoter named McNally, and Porter's daughter, Katherine, who plays an important part. Her love for Harvey West, the young man who aids in the defeat of her father, prompts her to action which has a direct bearing upon the outcome of the story.

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# Book Reviews

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## FOUR RECENT NOTABLE BOOKS OF TRAVEL.\*

So many books of travel are mere records of curious and exciting experiences, either true or imaginary, that it is a pleasure to find appearing in the same year four distinctly scientific books, descriptive of little-known regions. The record of 1898 will compare favorably in this respect with previous years. Of these four books two have had their immediate excuse for publication in the eager interest of the American people which has been aroused by the unusual events of the year.

Professor Hill's book, although treating the West Indies in general, devotes particular attention to Cuba and Porto Rico. Thus there are ten chapters devoted to Cuba and five to Porto Rico, while the only other islands which receive more than one are Jamaica and Santo Domingo, to each of which three chapters are devoted. In each case there is a consideration of relief, climate and geological conditions with especial reference to their influence upon the fauna, flora and human inhabitants. The causal notion in geography is distinctly recognized throughout, so that the teachers of geography who are in touch with modern methods of teaching will find this volume a storehouse of important material, quite different from the mere descriptive matter to be found in most books of travel.

The people of the different islands are fully described, and there is a very interesting discussion of the history of the several islands, particularly with reference to its influence upon the culture and industries of the inhabitants. From this book one gains a very clear idea of the difference in colonial method adopted by the various nations which have controlled the islands, and their effect upon the people. The splendid colonial policy of Great Britain is shown to have produced, even in less favorably situated islands, conditions of life which have been absolutely prohibited by the baneful policy of the Spanish in the marvellously fertile though slightly developed islands of Cuba and Porto Rico. The contrast in this respect between Jamaica and Cuba gives us reason to hope that under the guidance of the United States our new wards may speedily rise from their present deplorable condition.

Readers with geographic tastes will find the chapters upon the origin and physiographic history of the islands instructive, though many will prefer to read Professor

\* *Cuba and Porto Rico with the other Islands of the West Indies.* Robert T. Hill, The Century Co.

*The Philippine Islands and their People.* Dean C. Worcester, The Macmillan Co.

*Through Asia.* Sven Hedin, two vols., Harper & Bros.

*Northward Over the "Great Ice."* Robert E. Peary, two vols. Frederick H. Stokes Co.

Hill's scientific articles upon these subjects, where the development of the West Indies is much more fully treated. The general reader will find interest in these chapters, because they show that the islands are really mountain ranges rising from the depths of the sea and in places the seats of volcanic action; and one cannot help being impressed by the fact that this geological history has had a marked influence upon the people, even though they have been sadly interfered with by distant rulers. It is an excellent illustration of the conflict of physiographic and historical elements of control upon human development, in which, as is usually the case, adverse conditions of human control have not been competent to completely mask the ever-working influences of a physiographic nature.

The book is written by a scientist of high standing, a member of the United States Geological Survey, whose work has led him into various parts of Spanish North America and to many of the West Indian islands. Having geographical instincts, and a broader range of interest than is common among geologists, Professor Hill has been able to see the relation of facts to one another and to appreciate their bearing and importance in a broad way.

Being well equipped with first hand scientific knowledge concerning a large part of the West Indian region, Professor Hill has naturally given us what may be considered as essentially an *instructional* account of the region. Some will perhaps find *too much* instruction, especially of a geological nature; but every one must recognize that in most cases the geology introduced has been used to explain geographic facts. Educated people who wish to actually learn something about the West Indies, and particularly about Cuba and Porto Rico, will find this the book from which to gain information.

Particularly interesting is his description of the complexity of social conditions on the island of Santo Domingo, and also his chapters upon the race problems and the future of the West Indies. The book is of much value also because it gives an account of conditions which are about to disappear from two of the largest of the islands.

Professor Hill is exceedingly sympathetic in his treatment of the inhabitants, and if his interpretation of their character is correct, we have less to fear from our future connection with them than some of us have anticipated. The author shows very clearly the unnaturalness of the political conditions in the West Indies, and points out how distinctly unfavorable to their development, political and commercial, separation from the United States has been. He believes that upon all natural arguments, such connection with this country is demanded if their people would prosper, and, moreover, that the inhabitants will not prove to be more objectionable than some of our own citizens.

The importance of Worcester's book is proved by the fact that it has already reached its seventh edition, only a few months after its first appearance. One merely needs to read the book in order to understand the reason for this popularity. It is really a story; always interesting and at times intensely so. Moreover there is a fund of humor apparent every here and there, which at times is quite irresistible, though there is never any sign of buffoonery. Withal the book is a source of instruction; and, because of the interesting style, the reader is forced to absorb the instruction, whether he would or not. With marked skill the author has presented exactly the material that the general reader wishes to obtain, and has not littered his pages with facts and figures which can be found, by those who wish them, in other sources.

The volume really contains a narrative of two voyages to the islands made at different times in search of natural history specimens, particularly birds and mammals. It is not written in the usual form of an itinerary, but the several visits to an island are

grouped in a single chapter, so that the main basis for division of the subject is geographic, while the chronological basis is more closely followed in the description of each of the islands. By this means one is not able to easily follow him in his personal journeys ; but, what is much more important, one obtains a clearer idea of the geography and conditions.

After a brief statement of the history of the archipelago, and a description of Manila, each of the islands is described, so far as could be done from the nature of his observations, which in some cases were necessarily limited. He tells us of his visits to the towns, his encounters with the Spanish officials and the priests, his relation with the natives and his travels and adventures in the woods. The narrative is interspersed with stories well told and to the point, and almost always illustrating some phase of the subject then at hand. Here and there too he modestly tells of some of his adventures, which were frequently exciting.

The chief value of the book, aside from its exceedingly entertaining story, is found in its clear description of the people of the islands. The wild tribes of the interior, rarely visited by white men, and never more fully described than in this book, furnish an interesting theme for description, and it is altogether marvellous that Worcester was able to visit them, and even live with them, and still be able to return to tell about them. Not less interesting is his account of the civilized and semi-civilized people near the coast, who have so long been oppressed by the Spanish rule and who are now in open rebellion against those who would deliver them from subjection. No doubt their bitter experience with the Spanish, so clearly described in this book, has led them to consider all foreigners as tyrants incapable of justice. After one has read Worcester's account one is able to understand that they might readily have acquired this conviction as a result of their experience.

While the characteristics and conditions of the inhabitants have received most attention, the author has also told us much of interest concerning the resources of the islands, many of which, notably the mineral resources, have been almost untested. It seems evident from what he says that thorough exploration will reveal mineral deposits of various kinds and of marked value. The Spanish have discouraged any attempt to develop these resources. There is much, too, upon the forest resources which are marvellous, in the abundance of their valuable tropical woods.

Although no specific attempt is made to describe the forests themselves, every here and there are accounts of experiences in the woods which give one a very clear idea of what the tropical forest is. The dampness and the fevers that are bred there, the difficulties of travel in its almost impenetrable tangles, the swarms of insect pests that abound, and the human and other animal inhabitants are all vividly described. Nor is the physiography neglected, though, as might be expected, there is vastly less upon this aspect than Hill has given us. Nevertheless the geologist will welcome Worcester's description of his visit to that interesting Taäl volcano of Luzon Island, which, in 1754, was the seat of such a destructive outburst.

It is entirely within bounds to say that this is a wonderful book, opportune in time of appearance and exactly meeting the demand. It is pleasant to note that President McKinley has in part rewarded the author by an appointment on the Philippine Commission ; and those who read his present book will hope that his participation in this task will furnish him with opportunities for supplying the public with a second volume. Many of his readers have doubtless wished that he had also prepared a volume upon his forest experiences, and upon the natural history of the islands.



While Worcester, like Hill, sympathizes with the natives, it seems that his book contains convincing and entirely unanswerable arguments against expansion, although at the time that the book was written this subject had not been raised in the minds of the American people. A reading of this book may well be prescribed as a cure for the expansion mania. The lesson which he seems to teach is that our own, or some other government should guide and help these people. Spanish rule being destroyed, Spanish methods of taxation, and that terrible curse of Spanish priestly domination, which he so clearly and interestingly describes, should be swept away. The picture which Worcester gives of the condition resulting from these two curses is startling, even after all that has appeared in the newspapers.

After remedying these evils, the inhabitants should be protected and brought to a condition when they can govern themselves. One of the important general points in Worcester's book is the apparent proof that this result is possible; for there are already about 500,000 civilized or partly civilized natives, some of them already well educated. Nevertheless, even his sympathetic treatment of the Filipinos leaves the impression on the mind that only the best of them could be properly considered fellow-citizens at the present time.

The general reader in this country will not read Dr. Hedin's two volumes with the same pleasure that he finds in the books reviewed above; but the person with geographic tastes will find here a store of intensely interesting information. The author's journey from 1893-1897 extended over 6,000 miles, 2,000 of which were in a region not hitherto visited by Europeans. He travelled among the lofty Pamirs, in the Desert of Gobi, and across the plateau of northern Tibet, and his account of the region furnishes a source of new geographic facts of marked importance.

The book commences with a résumé of previous exploration which is followed by a chapter upon the plan and objects of the exploration. Naturally this plan was not followed in detail, because, as he proceeded upon the journey, he found good reason for modification; but, nevertheless, all of the important objects which he had in view were accomplished, and some entirely unexpected results were obtained. The chapters which follow that upon the plans and objects, deal with his overland journey from Sweden to the Pamirs and contain little of interest, for the region is already fairly well-known and, moreover, is exceedingly monotonous.

After this long journey from western Europe to central Asia, the author began work at once in the Pamirs, notwithstanding the fact that it was winter. His account of the journey over the ice-covered mountain passes shows full well the dangers that accompany winter travel among lofty mountains. Among the more important scientific results of this winter work was the study of some of the lakes whose depth he ascertained by soundings through the ice.

The following summer was also spent among the lofty Pamirs, particularly in the study of the glaciers of one of the highest peaks, Mus-tagh-ata which three times he attempted to climb, reaching once the elevation of nearly 21,000 feet, but failing to attain the summit of one of the loftiest mountain peaks of the world. From here Dr. Hedin proceeded eastward to the edges of the Desert of Gobi, which on the western end is called the desert of Takla-makan, where he fitted out a caravan to cross a portion of the desert. Apparently in part through lack of experience, though mainly through the incompetence and perhaps treachery of a native guide, the expedition was not properly outfitted and the journey became frightfully disastrous. It was only by the most heroic struggle that Dr. Hedin himself escaped the fate of death from thirst in

the desert that befell so many of his animals and two of his servants including the guide who was so much to blame for the disaster.

In his later travels through the Desert of Gobi, Dr. Hedin travelled with the utmost caution, never leaving the streams for any considerable distance, an indication of the impression produced upon him by his frightful desert experience. These travels had for their object a study of what he styles "the Lop-Nor problem." The river Tarim, fed from the snows of the lofty enclosing mountain, enters the Desert of Gobi, in the sands of which it is finally lost. His account of the conflict of the river and its tributaries with the encroaching sands of the desert is full of interest to the physiographer; but "the Lop-Nor problem" itself refers to a lake by this name located by the early Chinese cartographers as a large salt lake, but more recently described by General Przhevalsky as a fresh-water lake, considerably to the south of the ancient location. This difference has led to a dispute between Przhevalsky and Baron Richthofen, the great German geographer and Dr. Hedin's teacher. One of the prime objects of Dr. Hedin's journey was to settle this dispute, which he did by showing that the Tarim had, just before Przhevalsky's journey, extended farther south into the desert than usual, and formed a fresh-water lake which even now is disappearing.

Farther west in the Desert of Gobi Dr. Hedin discovered ancient cities buried beneath the constantly encroaching desert sands. His book does little more than record the fact of this discovery, and some of the more general features; but doubtless when his notes, collections and drawings have been fully studied, some facts of high importance concerning the ancient history of these cities will be stated.

The chapters that follow his description of the Desert of Gobi referring to his perilous journey over the mountains and high plateau of Tibet, are more condensed than those that precede, and the remaining chapters, recording his experiences and observations from Tibet to Peking, are still more condensed. While the size of the volumes doubtless rendered this necessary, one cannot but regret that these regions could not have been more fully described, though probably Dr. Hedin's next journey to Tibet will furnish excuse for a full description of this little-known part of the world.

While a great deal of attention is given to the topographic problems of geography, in which Dr. Hedin is especially interested, it must not be inferred that he has neglected to consider the inhabitants. While he has not considered them specifically and described them by races, he has throughout both volumes told much of importance concerning their customs and mode of living, so that the reader interested in mankind will find here much information about people hitherto undescribed. They appear for the most part to be a simple folk, contented with 'their lot, even when their home is with the yak among the lofty mountains above the level of most of our highest American mountains, where they dwell with their flocks in summer and descend in winter to the valleys only slightly lower.

The description of his travels and observations are often as interesting as a romance; indeed, in places, his pages are fascinating, notably in the several chapters in the first volume which are devoted to the description of his first journey across the desert, with the terrible suffering and the splendid fight against death from thirst, a fate which overtook nearly all his animals and two of his servants. It is doubtful if a more vivid description of a desert has ever been written.

Dr. Hedin is a trained geographer, who is competent to observe not only the location of places and the habits of people, but also the facts bearing upon other sciences allied to geography. His description of the glaciers and their former extension, of the

desert conditions and the changes of river courses in the desert, and of the lakes of that arid region, as well as his remarks on the rock structure of the mountains, will interest the geologist. The meteorologist will be able to make use of his studies of the wind direction and the air temperature and the ethnologist and archaeologist will find his descriptions of the people and their customs, and of the ancient cities buried in the sands of the Desert of Gobi, full of interest. When travelers who call themselves geographers are as competent to observe and describe as is Dr. Hedin, the profession of the exploring geographer will be a more dignified one than it now is.

The work is profusely illustrated, at first with beautiful half tones; later, because of the loss of his photographic outfit in the disastrous desert journey, by sketches, many of them made by the author, who possesses considerable artistic skill. Notwithstanding the fact that they are well made, one cannot fail to regret that the accurate picture of the camera had to be replaced by sketches, which at best are only partially true to nature.

There is, perhaps, too free a use made of native terms, which are naturally unfamiliar to all who have not made a special study of Central Asia. But any one who really wishes to know something about the climate, topography and people of one of the most extensive unexplored regions in the world, the "cradle of the Aryan race" will be willing to bear this burden in order to gain the information with which the 1,250 pages of the work are filled.

Equipped with the knowledge gained from previous journeys, Dr. Hedin is now preparing to start upon a new exploration of Central Asia, so that the contributions of this work promise to be supplemented at a later time. It may be noted, also, that already Dr. Hedin has published several important articles upon particular phases of his scientific work, and that some of his collections and facts are in the hands of specialists for investigation and report, so that the scientific importance of his travels is not to be measured by the results published in his book.

Central Asia and the polar regions now remain as the great unexplored portions of the earth, and numerous parties are at present engaged in their exploration. By lectures and articles, people in this country have been made familiar with some of the more interesting events of Lieutenant Peary's journeys in the Arctic regions; and therefore, his book, although appearing at a time when he himself was starting out upon his venturesome attack upon the north polar problem, has not created quite the sensation that Nansen's book did. Nevertheless, parts of Peary's book are quite as interesting and thrilling and his results fully as important as Nansen's.

The first of these journeys was the reconnoissance of 1886, in which Peary, with one companion, advanced well into the interior of Greenland to test his views concerning the possibility of utilizing the inland ice as an Arctic highway. It was his intention to follow this reconnoissance by a journey across Greenland; but Nansen anticipated him, so that there was little to be gained by repeating Nansen's journey. Peary then turned his attention to the North Greenland problem, and the remainder of the two volumes is devoted to a description of his achievements there.

Peary's first attempt to use for a definite purpose the ice cap, which transforms the interior of Greenland into a great snow-covered plateau, in places 10,000 feet high, was in his expedition of 1891-92. Proceeding to Greenland, accompanied by his brave wife, without whose aid it is doubtful if Peary would have done half that he has, he built his winter home in the neighborhood of that interesting race of Esquimaux who live on the shores of the Arctic, north of Melville Bay. Here, with a broken leg,

caused by an accident on the ship, Peary, together with his wife and assistants, spent the long winter night in comfort, although not far from the scene of several of the great Arctic disasters. He first proved, what Nansen later verified, that with intelligent planning and proper outfit, life in the Arctic, even during the winter, may be spent with as much comfort and freedom from danger as in the temperate latitudes. Even the baby girl, Marie, who came to them in one of the long winter nights, thrived in the warm house, while all outside was dark and cold.

The next summer Peary started, with his dogs and sledges, upon his first successful journey across northern Greenland to its northernmost shores, proving by his expedition that Greenland is really an island, and adding a store of fact to our knowledge of the geology and topography of the Arctic. The story of his journey across the great white ice is told in a fascinating way, and is worth reading merely as a story; but it is more than a story, it is the first description of this, the most absolute desert visited by man. Not a sign of life, even of the lowest forms, is to be seen. There is snow everywhere, under foot, on all sides, and in the sky above. It falls in feathery flakes and drifts about before the winds, so that at times travel is absolutely impossible. Into this great unknown Peary fearlessly advanced, never hesitating nor thinking of turning back; and he was rewarded by success! It is the Anglo-Saxon quality of pluck and perseverance that has made our race what it is; and Peary has more than a full share of these elements of success and it is the knowledge of this that leads his friends to the conviction that he will make a brave and, if not wholly, at least a partially successful attempt to reach the pole toward which his face is now turned.

Filled with enthusiasm, Peary returned in 1893-4 to renew his explorations; but partly through the large size and the characteristics of his party, and partly because of two unusually bad seasons, he was obliged to turn back from the ice cap. He however cached his provisions, intending to return to them the following summer, when he would once more push through to the northern margin of Greenland. Accordingly in 1894-95 he started out, accompanied by his faithful companions Lee and Henson, his dogs and sledges, but with a small supply of provisions, because most of his supplies were on the ice cap.

He searched in vain for his supplies, the winter snow had buried them absolutely, and Peary was confronted by the question whether he should return once more unsuccessful, or whether he should push on. He decided upon the latter course and on he went, notwithstanding the fact that his only hope for escape from starvation lay in his success in reaching the northern land before the food gave out, and then in being successful in killing some of the musk-ox which he had discovered there on the first journey. The account of this journey, of the weariness coming from forced marches and insufficient nourishment, of the terrible snow storms, the death of the dogs one by one, the struggle to reach the land and then the search for musk-ox, at first unsuccessful but at last, almost when all hope had gone, crowned with success, furnishes most fascinating reading. Then, weakened by their privations, and with their dogs reduced in number, they started back on a journey which promised to be never finished; but on they went, favored by fortune, and at last, almost dead from hunger, reached their Arctic home once more, but only after having made use of their faithful dogs as a food supply.

There is but brief mention of his summer voyages of 1896 and 1897, but considerable space is devoted to a description of the attempts, finally successful, to bring back the large meteorites near Cape York. There are chapters in the two volumes

devoted to a description of the various journeys by boat and sledge along the shores of north Greenland, and in these are interesting narratives of walrus hunts, accounts of the glaciers and descriptions of the coast lines. But more important than these, are the full descriptions of those exceedingly interesting North Greenland Esquimaux, whose home is farther north than that of any other known people. Peary has done much more for these Esquimaux, and has made their life better worth living. Indeed he has come to look upon them as his wards and they regard him as a true friend, whom they are ever ready to serve. If Peary succeeds in reaching the pole, no small share of credit must be given to these children of the Arctic, whose friendship he has secured through his ever thoughtful treatment of them. Peary's discussion of these Esquimaux is the only one which possesses real merit, and it forms one of the most important of his scientific contributions.

It is not the primary object of these volumes to convey scientific information ; they are rather intended to be descriptions of interesting and often exciting travels ; and, as is so common in such books, the story is told in the form of an itinerary, so that they really furnish a story of his several journeys.

These books record a history of careful planning, intelligent appreciation of conditions, marked personal bravery, and almost uniform success in execution of plans, which give reason to hope for equal success in his present still more venturesome journey. His narrative is written in pleasant style and can be read through from beginning to end with unabated interest.

Woven through the pages are many facts of decided scientific importance. For instance, while he is telling us of his wonderful fight for life on the great ice cap desert of the interior of Greenland, he at the same time tells us meteorological and physiographic facts which, prior to his travels, were unknown. These volumes, therefore, form an important contribution, not merely to the already extensive polar literature, but also to science ; and the importance of the contribution is greatly increased by the profusion of beautiful illustrations of all phases of his travels. Peary rarely went anywhere without a camera in hand ; and, as a result, some of his Esquimaux, walrus and ice cap pictures are absolutely unique.

His scientific results are really more important than a perusal of the pages of the present work would indicate. Some of his contributions have already been published elsewhere and others are partly promised in his preface. He has also done much for science by furnishing to American geologists an opportunity to visit the glaciers of Greenland, thus enlarging their knowledge and furnishing them with material for scientific contributions.

It is possible to present adverse criticism of all books, even the best, and, of course, Peary's work is no exception. The point in the book that calls most distinctly for adverse criticism is the tone used in one or two places in speaking of Nansen. This cannot but produce an unfavorable impression upon those who are not familiar with the facts, and it will hardly change the opinion of those who are. Doubtless there is some justification ; but it would have been better had Peary permitted others to distribute the credit where it belongs, as they will do in the end, in any event.

There are many who question the value of polar research, and Peary has had full reason to know that this is so. Therefore he devotes some space in his introduction to the consideration of this important question. After some discussion of the point, he closes with a paragraph which, in view of the fact that there are many doubters, and further that there is now a decided activity in Arctic and Antarctic research, deserves

to be quoted in full, because it is so clear cut and to the point. He says, "But suppose we admit that Arctic exploration is only a matter of sentiment, with no money return ; no increase of commerce ; no fruit of colonization ; no harvest of great good for many men. Let it stand as a sentiment ; it has good company. Love and patriotism and religion are matters of sentiment, and we ask no money return for them."

While some will hold that this will not bear close analysis, the point is notwithstanding good, that a scientific explorer, having for his sole object the acquisition of knowledge, needs no other excuse for his sacrifices, even if it be of his own life, than that he desires to gain knowledge, be it of the geology of Cuba, the fauna of the Philippines, the geography of central Asia, or the conditions surrounding the North Pole ; and to the latter is added the incentive coming from the fact that, although many have tried to reach the region and learn the facts, all so far have failed.

R. S. TARR.

CORNELL UNIVERSITY.

### THE LESSON OF POPULAR GOVERNMENT.\*

*The Lesson of Popular Government*, by Gamaliel Bradford, is a work that places every student of the subject under obligations to the author. To be fully appreciated, the book must be read carefully and with due regard for the fact that the writer who points out the defects of a system of government, warns the people of the dangers inherent in present practices, and shows what must be done if permanent improvement is to be effected, is infinitely more helpful to society than one who contents himself with sketching the growth of a system and pronouncing it very good. The superficial reader, especially if he be one of that class of Americans who delight in conveying the impression that they have chips on their shoulders and will consider that those chips have been knocked off by anyone who ventures the opinion that good may be found in some foreign systems of government, and that our own institutions are marred by grave defects, will be likely to write Mr. Bradford down as a pessimist, and un-American ; intelligent students, on the other hand, will recognize in the work a keenly conscientious effort to write of popular government as it is, pointing out its struggles and its weakness as developed in this and other countries. Such readers will see that the author is in the best sense an optimist as to the possibilities of the future and is an American of the best type.

Mr. Bradford has absolute faith in the soundness of the foundations of our government and the character of our people, but he says, and proves, that we must readjust the governmental machinery unless we are to drift through practical anarchy and increasing corruption to military despotism.

Attention is called to the fact that the modern system of representation, based upon the votes of a whole people, is not older than our federal constitution ; and then the author briefly examines the introduction of a liberal suffrage among the leading nations. Allusion is made to the development of the freedom of the press in England, with its enormous advantages to the public, the introduction of the practice of parliamentary reporting, the surrender in 1868 by the House of Commons of its right of decision in disputed election cases, when that power was transferred to the courts, the Ballot Act of

\* *The Lesson of Popular Government*, by Gamaliel Bradford. 2 vols., 8vo. The Macmillan Company.

1872, and the Corrupt Practices Act of 1882. The author finds that it is in Great Britain that the best results of popular government have been worked out. In France, progress has been less steady, but the advance has been almost as great, while little encouragement is found in Germany. Rapid and satisfactory progress is being made in the commonwealths of the Pacific Ocean and in Cape Colony and New Zealand.

Naturally much space is given to the study of popular government in Great Britain, and the advantages of cabinet government are set forth with great clearness, notably those incident to the system under which cabinet ministers are members of Parliament. The author's review of the admirable administration of Great Britain's finances might well be studied by all who have to do with our own financial system. Discussing at considerable length the political history of France, Mr. Bradford concludes from that nation's experience under the Third Republic that the real evil is not in universal suffrage, but in the organization of government, and that "it is to be met by the establishment of a strong and independent executive power held responsible to public opinion." This, indeed may be said to be the keynote of the work, in so far as it relates to the remedy for existing evils. In the opinion of the author, the revision of the Dreyfus case, Captain Dreyfus being brought home, and given a fair and public trial, followed by acquittal and liberation, would prove that the French had made as great proportionate progress in true liberty and the justification of popular government as any nation in the world.

In the chapter on the President of the United States, Mr. Bradford answers Mr. Bryce's question "Why great men are not chosen presidents," by quoting the old adage that "it is of no use to set a man to do a boy's work," and he justifies this answer by showing that the presidency is, after all, in the hands of most incumbents, but an instrument of party politics. There will probably be a general agreement among students of government in the conclusion that it is a grave defect of our system that neither the President nor the cabinet officers have much power except as agents of Congress, and that, in any except an extraordinary abuse of what power they have, they may shield themselves from responsibility by keeping on good terms with the leading politicians of the two houses. The author's analysis of the weakness of the President's position is very keen. Lincoln was a strong executive, and that he was able to show his great qualities was due to the fact that Congress yielded to the stress of circumstances and left practically everything in his hands.

The House of Representatives is constantly surrounded by corrupting influences, and the committees, working in secret, are continually subjected to temptations to use their power over legislation for party rather than for public purposes. The author finds much to condemn in the methods of the House and Senate, the speaker of the former being the obedient instrument of the majority, and the Senate having "fallen into complete anarchy" as because no one in that body represents either the country as a whole or the administration of the government. In Great Britain, the ministers, who, as a matter, of course, are better posted respecting the needs of their departments than the average member is, not only have seats in the House of Commons, but have the initiative and guidance of legislation.

In his second volume, Mr. Bradford discusses state and city governments, remedies for existing evils, phases of executive power, democracy, the lesson of colonization and executive responsibility. The greater importance of the state government than the federal government to the inhabitants is considered, and gentle sarcasm is employed in the reference to the executive council in Massachusetts, which as all who are

familiar with the executive machinery of that state know, has no other function than that of tying the governor's hands. State legislatures, like the federal body, are unable to do their best work because no member represents the whole state. From the presiding officers down, each member is a partisan.

The Massachusetts commissions, now numbering thirty-four permanent bodies, are discussed, and the author draws the lesson that great evils result from the suppression of legitimate and responsible executive power. Though no direct reference is here made to the late William E. Russell, this portion of the work affords a fine indorsement of the position assumed by that able executive, who saw clearly and pointed out with force and courage the dangers resulting from placing great power in the hands of irresponsible bodies. The first requisite of good government is strong executive guidance and control, and the legislature should be the instrument for testing the work of the executive and seeing that the government is carried on in the interest of all the people.

Discussing our experiment in expansion, Mr. Bradford refers to the argument advanced in favor of that policy that England has colonies and has prospered through them, and his answer is that "in all her colonies which are not self governing, and therefore only nominally dependent, the success of England, that which has distinguished her from other colonial powers, lies in the government of dependencies by a despotic ruler, held at the same time to a strict responsibility to public opinion through an executive ministry in direct and public contact with parliament." We have no such machinery.

The leading cause of our failure in government is found in the fact that we have never carried into effect the chief principle on which our government is based—the separation of executive and legislative power. The obvious remedy would be in having members of the cabinet occupy seats in the Senate and House.

Mr. Bradford submits a complete plan of a city charter which will interest every member of the rapidly increasing body of men who are studying municipal government. He would have the whole executive power of the city vested in the mayor, who should have full power of appointment and removal of every executive officer; the mayor would be subject to removal at any time by a vote of three-fourths of the council, and would be eligible as a candidate at a new election to be held not later than ten days after the removal. He would give the mayor and heads of departments seats without votes in the council.

Coming to what is aptly termed "the turn of the road," Mr. Bradford's notes President Cleveland's attitude towards the Cuban question during the closing months of his administration, and refers to the drifting policy of the Republican party up to the adjournment of Congress, on July 29, 1897. He argues that notwithstanding the excitement following the blowing up of the "Maine," the feeling throughout the country in favor of war was more apparent than real. This apparent feeling was due to a lack of leadership which told upon the press just as it did upon the country. "A violent faction sweeps away Congress, and Congress sweeps away the press. A feeble executive playing into the hands of the legislature furnishes no adequate center of resistance."

In conclusion Mr. Bradford finds that if democracy is to accomplish the best results, there is needed a single executive head, elected directly by the whole people, and that the best field for this is the United States where "exists the strongest and best machinery for a successful government of democracy that has ever been seen in the world."

Mr. Bradford's work is a mine of information concerning the progress of popular government, and the mass of material is so admirably classified that it is invaluable for reference, besides being of very great general interest.



## AMONG THE COLLEGES.\*

THE Trustees of Trinity College have decided to erect a Natural Science Hall at a cost of \$40,000.

DR. J. C. BRANNER, Professor of Geology in Leland Stanford Jr. University, has been appointed vice-president of the University.

MR. JOHN QUINCY ADAMS, a trustee of Rockford College, who recently died at Wheaton, Ill., left \$50,000 to Rockford College, Illinois.

KNOX COLLEGE, at Galesburg, Ill., has collected a fund of \$100,000, thus securing the additional gift of \$25,000 made by Dr. D. K. Pearsons.

DR. EDWARD L. THORNDIKE has been appointed Instructor in Genetic Psychology in the Department of Education at Teachers College, New York.

DR. P. L. SHERMAN, formerly Instructor in General Chemistry in the University of Michigan, has gone with Professor Worcester to the Philippines as his secretary.

DR. THOMAS J. SEE, well-known for his important researches in astronomy, has been nominated for a professorship of mathematics at the Naval Academy, Annapolis.

PROFESSOR FRITZ REGEL, of Jena, and Dr. Erich v. Drygalski, of Berlin, have been appointed to professorships of geography in the University at Würzburg and Tübingen respectively.

\* In order to make this section of BOOK REVIEWS as complete as possible, the editor asks for the coöperation of college authorities. Properly authenticated news will be printed of all changes in college faculties, changes in instructorships and important college news.

PROFESSOR F. KÜSTNER, Director of the Observatory at Bonn, has been appointed Director of the Hamburg Observatory, Professor G. Rümker having resigned this position on account of ill health.

MR. A. E. H. LOVE, F. R. S., Fellow of St. John's College, Cambridge, and University Lecturer in Mathematics, has been elected Sedleian Professor of Natural Philosophy in succession to the late Professor Bartholomew Price.

PRESIDENT BRUSKE, of Alma College, a small Presbyterian institution at Alma, Mich., has announced that eleven men and women of Michigan, all except one residents of the Saginaw Valley, have jointly given the school an endowment of \$225,000.

MR. W. L. CASCART has been appointed Adjunct Professor of Mechanical Engineering in Columbia University. At the same meeting of the Trustees the title of Professor R. S. Woodward was changed from Professor of Mechanics to Professor of Mechanics and Mathematical Physics.

MR. ANDREW CARNEGIE, in addition to offering \$250,000 for a free library in Washington, and \$100,000 for a free library at Atlanta, has also offered to provide libraries for Richmond, Va., and Bellefonte, Pa. Mr. Carnegie has already given more than \$8,000,000 for the establishment of free libraries.

VERMONT Academy has recently been the recipient of gifts amounting to \$25,000. Gen. J. J. Estey and Mrs. Levi K. Fuller, of Brattleboro, Vt., have given \$10,000 each, and Mr. David Crane and Mr. Willard Crane, of Burlington, Vt., \$2,500 each. The total sum is to be applied to the endowment of the school.

THE will of the late Alexander M. Proudfit, of New York City, gives \$30,000 to Columbia University for two fellowships, one in letters and one for advanced studies in medicine. There are also numerous other bequests to public institutions, including \$10,000 each to the Public Library and to the New York Free Circulating Library.

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LAWRENCE S. WILLIAMS has recently been elected Associate Professor of Chemistry in the Armour Institute of Technology at Chicago. Mr. Philip D. Armour gave a further sum of \$750,000 to the Institute in February. \$250,000 will be spent on buildings and 500,000 to the permanent endowment fund. The Institute will now have over \$125,000 income.

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THREE measures for the benefit of Stanford University have been presented in the California Senate. They are in the form of amendments to the political code allowing corporations formed for educational purposes to accept gifts and bequests. When the bills finally become laws, Mrs. Stanford stands ready to turn over her own personal fortune of more than \$5,000,000 to the college, and Governor Stanford's brother, who has made a fortune in Australia, will turn over in installments nearly \$15,000,000 more.

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STEPS are being taken to found a memorial in honor of the late Robert Herbert Quick, who accomplished much for the advancement of education in Great Britain. It is hoped that £500 may be collected and used to endow a Quick Memorial Library at the Teachers' Guild, London, where Mr. Quick's educational library is at present deposited. Subscriptions may be sent Mr. John Russell, Cripplegate, Woking Surrey. The Macmillan Company announce a biography of this noted pioneer in English middle class education.

THE Rev. Dr. Henry Van Dyke, pastor of the Brick Presbyterian Church, in Fifth Avenue, has accepted the call of Princeton University to fill the chair of English literature, just established and endowed with \$100,000, on condition that the date at which he should assume its duties be left entirely to him to fix. This date he had not set yet, and it is impossible for him to decide that question until certain moral obligations, which he owed to his church, had been discharged. Dr. Van Dyke's new book, *The Gospel for a World of Sin*, will be published at the end of this month.

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THE late Mrs. Martha S. Pomeroy has bequeathed to Wellesley College \$60,000 for the erection of a dormitory, and also the residue of her estate. We also have to record the following gifts and bequests: Miss Maria Hopper has given \$10,000 to Bryn Mawr College for the foundation of a scholarship. Syracuse University has received \$5,000 from the heirs of H. H. Crary, of Binghamton, in accordance with the wishes he had expressed. The University of North Carolina has been given \$15,000 by Mr. Julian S. Carr. Swarthmore College has received \$5,000 by the will of the late Daniel Underhill.

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THE Legislature of West Virginia, which has just adjourned, has been almost three times as liberal to the University of West Virginia as any previous Legislature. The largest appropriation ever granted by any one Legislature before this year was \$74,000. This year the Legislature has given an aggregate of \$196,800. The University has received funds to build a new fire-proof library building, and also an armory building, and is just building a wing to University Hall. With its greatly increased financial resources, it is hoped that West Virginia University is about to enter on a new era. The attendance of students has

been increasing very rapidly the last year or two.

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THE *Register* of Lehigh University, South Bethlehem, Pa., for the year 1898-99, shows few changes in the governing or teaching force. Bishop Talbot has been elected to fill a vacancy in the Board of Trustees. Professor Langdon C. Stewardson has assumed the duties of the chair of Mental and Moral Philosophy, and the new professorship of History and Economics has been filled by the election of Mr. John L. Stewart, late lecturer in that department. The Department of Mechanical Engineering has lost the services of Messrs. B. H. Jones and L. O. Danse as instructors, and their places are filled by Messrs. L. N. Sullivan and J. C. Peck. Messrs. John Boyt and F. O. Dufour have been promoted from the grade of assistant to that of instructor, and Mr. Joseph Barrell has been elected Instructor in Geology and Lithology.

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IN a recent number of the *Harvard Graduates' Magazine*, Professor A. B. Hart publishes a comparative statement of the attendance at the leading American universities. According to his figures the institutions rank in numbers as follows:

Undergraduates in arts and sciences: Harvard, 2,260; Yale, 1,755; Michigan, 1,429; Wisconsin, 1,097; Columbia, 802; Chicago, 783; Pennsylvania, 653; Johns Hopkins, 187.

Graduate students: Chicago, 370; Harvard, 319; Columbia, 313; Yale, 270; Johns Hopkins, 192; Pennsylvania, 151; Wisconsin, 87; Michigan, 73.

The Medical department: Pennsylvania, 793; Columbia, 695; Harvard, 546; Michigan, 408; Johns Hopkins, 201; Yale, 112.

The law department: Michigan, 720; Harvard, 543; Columbia, 341; Pennsylvania, 312; Yale, 195.

DR. HÖLDER, Professor of Mathematics of the University at Königsberg, has been called to Leipzig, and will be succeeded at Königsberg by Dr. Schönflies, of Göttingen. Dr. Alois Lode has been made Associate Professor of Hygiene at Innsbruck, and Dr. Helferich, of Greifswald, has been called to Kiel as successor to Professor v. Esmarch, who has retired. Dr. Otto Weiner, of Giessen, has been appointed to a full professorship of physics in the University at Leipzig, and Dr. Hans Held has been promoted to an assistant professorship of anatomy in the same university. Dr. Walter König has been appointed Professor of theoretical physics in the University at Heidelberg, and Dr. Jakob Führ, professor of Geography in the Polytechnic Institute at Zurich. Dr. Pelikan has been promoted to an assistant professorship of mineralogy in the German University at Prague.—*Science*.

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A NEW college for women is now seeking incorporation from the Massachusetts State Legislature. It is the intention to establish it in Boston. The institution was provided for under the will of John Simmons, a Boston merchant who died about twenty-five years ago, and the trustees named in the petition for incorporation are J. Sawyer and H. G. Nicols. The name of the institution as called for is the Simmons Female College, and it is understood that the Simmons estate has an accumulation of about \$2,000,000 that can be applied to the purpose. No site has yet been selected, and the question of curriculum is still in doubt. It is the intention of the trustees to follow the evident purpose of Mr. Simmons to let the higher arts and sciences go and to give women a practical education that will enable them to make a living. It is the purpose to give instruction in shorthand, typewriting, bookkeeping and such subjects as a woman would need to study to enter commercial life.

The entire property and assets of the

corporation are not to exceed \$4,000,000 at any time. The petition is now in the docket of the Legislative Judiciary Committee.

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THE will of the late Mr. Edward Austin, of Boston, Mass., provides for public bequests of more than one million dollars, four hundred thousand dollars going to the Massachusetts Institute of Technology. *The Technology Review* gives the following extracts from the will referring to gifts to educational institutions. I give to Harvard College, Cambridge, 500,000 dollars, the interest upon which they will pay to needy meritorious students and teachers, to assist them in payment of their studies. To the Massachusetts Institute of Technology, I give four hundred thousand dollars, the interest to be applied as that of my bequest to Harvard College. To Radcliffe College (women's college) I give thirty thousand dollars, the interest to be in the same as that to Harvard College. To Roanoke College (Julius D. Dreher, President) I give thirty thousand dollars, on same terms as that to Harvard College. To Tuskegee Normal and Industrial School (Booker T. Washington) I give thirty thousand dollars, on same terms as that to Harvard College. I give to bacteriological laboratory (Harvard Medical School) ten thousand dollars. Mr. Austin was one of the class of East India merchants so prosperous in the first half of this century. He was born in Portsmouth in 1803, but his childhood was spent in Boston, where also his permanent home and interests were centered.

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ANOTHER educational institution, to be affiliated with the Catholic University of America, is to be begun at once on a five-acre tract adjoining the university grounds. The new structure, to be known as the Holy Cross College, is intended for those members of the congregation of the Holy Cross who have taken their degrees in the

University of Notre Dame. The architect is Mr. A. von Herbulis, whose plans for the Supreme Court building in the national capital have been accepted by the United States Senate. The edifice is to be completed early next September.

A number of important changes are noted in the faculty. The professorship for the Shakspeare-Caldwell chair of dogmatic theology, resigned by Monsignor Joseph Schroeder a year ago, has been given to the Rev. Edmund T. Shanahan, Ph.D., D.D., J.C.L., of Boston. The Rev. Daniel Quinn, Ph.D., who resigned last year as Professor of Hellenic Literature, has been succeeded by George M. Bolling, Ph.D., of Baltimore. Mr. James A. MacDonald, A. M., a recent graduate of Harvard, has become a member of the faculty of the professional School of Law, where he has introduced the Harvard case system into the work of the middle and senior classes with good results. Dr. John Joseph Dunn, Ph.D. (Yale), of New Haven, is an additional instructor in the School of Letters, and is teaching Latin. Mr. Edmund B. Briggs, D.C.L., LL.M., who was last year a fellow in the School of Social Sciences, has been made a member of the faculty of law, and the Rev. Lucien Johnston, S.T.L., who was a fellow in the School of Theology, holds an appointment as instructor in theology.

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OUR two oldest universities have taken the lead in a movement which must be generally imitated in the course of time by all of the higher educational institutions, and which will render the lot of the college professor in the next century much more comfortable than it has ever been in the past. The great drawback to the teacher's life has always been that his compensation was too small to allow savings during his active years which would relieve him from anxiety as to old age. Both the professor and the institution have suffered from this. The instructor could never feel at ease

when he considered the approach of the time that ought to mark his retirement, and the college authorities have oftentimes shrunk from forcing the withdrawal of an old professor who had outlived his usefulness because he would be left without means of support. Something over a year ago the Yale corporation decided that any professor who had served for twenty five years might, at his own request, be retired on reaching the age of sixty five upon a pension one half the amount of his salary. Harvard has now provided that either a professor or an assistant professor who has served twenty years and reached the age of sixty may then retire with a pension that shall be at least one-third of his last salary, and may reach as high as two-thirds by proportional additions for longer service than twenty years.

This pension system is not only a thing of importance in itself, as a policy which, when generally adopted, will make the career of a college professor more comfortable, but it is also significant as marking the greater recognition of the value of the teacher's work which is coming to prevail. The "Sabbatical year" is another modern invention which adds to the attractiveness of this life, allowing the professor one year in every seven on full or nearly full pay, which he is expected to spend in "getting out of the ruts" and preparing himself for better work the next years, by study and travel in Europe very often. The government itself shows signs of realizing the great truth that, when our universities are well manned, it is to them that it should turn for expert ability in great emergencies. When President McKinley wanted three Commissioners to send to the Philippines for a thorough investigation of the situation in those islands, he found that he could not do better for two of the places than to take the President of Cornell and a professor of the University of Michigan. There is every promise that in the next century the trained teacher will have larger opportuni-

ties of usefulness in this country than ever before.—N. Y. *Evening Post*.

IN consequence of the death of W. H. Perkinson, Professor of German, the Board of Visitors have transferred the work in German for subsequent sessions to Professor James A. Harrison, who will also have charge of the work in the English Language. At their meeting in June the board will elect a Professor of Romanic Languages. Rev. Charles A. Young, B.A., of Chicago University, was appointed instructor in Hebrew for the session of 1899-1900. Professor Noah K. Davis, of the Department of Philosophy in the University of Virginia, will be Dean of the same department in Chicago University during the Summer Quarter.

Dr. Charles W. Kent, head of the Linden Kent Memorial School of English Literature, has been invited to take charge of the Summer work in English in the University of North Carolina. The Medical Course will after this session be extended to a Four Years' Course to meet the requirements of the recent advance in other first-class medical schools. The Department is to have, too, a new hospital, the plans for which will be adopted in June. The Belinda Randall Dormitory Building will be erected during the summer and be ready for occupancy in the fall. This will be a small building with not more than forty suites of apartments, but it will be modern and well appointed. The death of Professor Walter D. Dabney, of the Law Department of the University of Virginia, will necessitate the reorganization of that department and probably the election of another professor.

ON the morning of Charter Day, which was February 15, Governor Poynter signed the bill restoring the one-mill tax for future revenue. When the University was founded in 1869,

a tax of one mill per dollar upon the grand assessment roll was enacted for its support. This levy, after the heavy expenditures of opening the University had been met, was reduced to three-eighths of a mill, which, until the expansion of recent years, yielded a sufficient income. The other sources of revenue are the provisions of the Agricultural Experiment Station Act, passed by Congress in 1887, and the "Morrill Fund" enactment of 1890, together with the proceeds from sales and leases of endowment lands, originally 136,080 acres. The total aggregate biennial income, including fees, has been of late something like \$260,000. As the University had outgrown this revenue, necessitating specific appropriations, at each legislative session, from the general funds of the State, the present bill was framed to consolidate the income and simplify the book-keeping in the Steward's office. The bill passed both houses with little debate or opposition.

The passage of this measure ensures a continuation, for the present, of the free-tuition privileges that Nebraska students have from the first enjoyed. If there is to be development proportionate, for half-a-dozen years at the furthest, with recent growth, the authorities will be compelled to resort to tuition charges. There are no incidental or other expenses in the undergraduate colleges, except a matriculation fee of five dollars, and a diploma fee of the same amount. Laboratory students pay for the material actually consumed. In the Graduate School there is a matriculant charge of five dollars, and a diploma fee of twice that sum. The Board of Regents is authorized to restrict the free-tuition provisions of the statute to students resident in Nebraska, but this has in no case been done.

One of the crying needs in recent years has been for more room. In 1895 the new Library Building was completed, affording some half dozen seminary and recitation rooms, on certain floors not yet needed for

books, as a temporary relief. Last October the Mechanics-Arts Hall, containing twenty-eight laboratory and lecture rooms, was dedicated. It is expected that adequate funds will be available, in the next biennium, to enlarge the Armory and Gymnasium, and to provide an assembly hall capable of accommodating the whole student body. In the enlarged audience room, which must have a seating capacity of not less than 2,500, it is proposed to set up the Trans-Mississippi Exposition Organ, secured at the close of the season by the Alumni, as a gift—their first considerable one, to the University.

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IN connection with the third annual meeting of the Council of the American

Institute of Sacred Literature, which took place at

the University of Chicago, March 3-5, six student conferences were held. The general subject was: "The College Students' Difficulties in Connection With the Bible," and addresses were made by various members of the University faculties and visiting professors. "The Scientific Difficulties," "The Ethical Difficulties," "The Doctrine of Evolution," and "Inspiration" formed some of the special topics, which were treated from both the theological and the scientific point of view. These conferences followed by informal discussion aroused much interest among the students.

Two other public lectures, one by Professor Von Holst against "Imperialism," with the title "Some Lessons We Ought to Learn," and Professor Judson's spirited defense of the present policy of Congress, have been widely commented upon.

The preliminary announcements for the Summer Quarter show that of the regular faculties of Arts and Science one hundred and five members will give instruction during the summer. Twenty additional instructors from other colleges will give courses for a part or whole of the Quarter. Among these latter are Professor Noah K.

Davis, of The University of Virginia, in Philosophy; Professor G. A. Smith, of Glasgow, in Old Testament History; Professor Henneman, of the University of Tennessee, in English; and Miss Jane Addams. The announcement of courses indicates that instruction as a whole is fairly evenly divided between the two terms. Thus the increasing number of regular students who are in residence for the full Quarter will be provided for. In addition to the regular courses for the Summer Quarter three groups of general daily lectures have been arranged for in Literature, History, and Science.

During the Spring Quarter President Harper will not be in residence. Professor Michelson, head of the Physics Department will attend the meeting of the International Committee of Weights and Measures in Paris. He is at present engaged in delivering a course of lectures at the Lowell Institute. Professor Capps, of the Greek Department, and Professor Manly, head of the English Department, will also be in Europe. Various other members of the faculties take this Quarter for their annual vacation.

The never-ending Latin question has come up once more for discussion in the faculties. Under the present arrangement for entrance, all students are required to present two years' work in Latin, and are advised to present as an elective subject two additional years. If the student enters without the two additional years he is required to take them in the junior colleges. In two of the colleges (those of Literature and of Arts) he is required to take three courses in addition to his four full years of preparatory Latin. The requirement of four years of Latin in the preparation for the College of Science has been offered by some members of the scientific departments; the last proposition has been in sum to reduce the amount of Latin to two years to be taken before entrance. This cutting down of the entrance requirement

in Latin to two years would result in all probability in a final abandonment of Latin as a required subject in the College of Science. It is a curious fact that at the same time some consideration is being given to the question of merging the three present degrees into one, the A.B., thus abandoning the distinctions between the four undergraduate colleges.

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THE notable feature of Commemoration Day exercises, held in Ira Coy Hall on February 22d, was an address by President Gilman on "The History and Prospects of the Johns Hopkins University." A few weeks after the death of Johns Hopkins, twenty-five years ago, the group of men whom he had chosen—judges, physicians, lawyers and merchants—met to receive his great bequest and to organize a University. The powers of the board of trustees were absolute and unrestricted, and it was only after careful study, travel and counsel, that certain general principles were accepted for the determination of the scope and method of the new institution. Instruction began moderately and unobtrusively. "Professor Remsen consented to open a laboratory in a shabby rattle-trap which had chimneys and flues, but not much besides; and Professor Rowland declared that all he asked for was "the back kitchen," where he proposed to study (and did study with great results) the mechanical equivalent of heat. Dr. Martin's best work was done in the humble rooms deserted by lodgers. It was said that Professors Sylvester and Gildersleeve only needed small rooms, one to be furnished with a blackboard, and the other with a copy of Plato." The choice of the building site, now occupied, was unremediated. As its convenience became evident, adjacent property was purchased and convenient buildings were erected.

After describing the development of the University and referring to the contribu-

tions which those connected with it have made in every department of science and of letters, President Gilman said that for the first time since 1888 the financial condition of the University was definite. The income of the institution was much reduced from what it was originally; but it would permit activity on the present basis—without enlargement. What is much needed by the Johns Hopkins University is income—free from all conditions, to be applied from time to time toward the most pressing necessities of salaries, books, apparatus and publications. Four great departments, to each of which the name of a donor might be attached, are in need of special endowment: (1) the School of Medicine, (2) a College, (3) a School of Physical Science, (4) the Library. Finally, the removal of the University abode from a city to a suburban site is a possibility within the reach of individual philanthropy.

Steps are being taken for the organization of a Hopkins graduates' club, to serve as a common meeting ground for graduate students in attendance at the University, younger members of the faculty and local alumni. The plan was recently broached by Professor Herbert B. Adams, and a joint committee representing the several interests concerned have the matter under advisement. One of the cherished institutions of the early days of the University was a Hopkins Club, where professors and advanced students met in general camaraderie. Its death came with the formation of a city University Club, and the proposed organization is to fill the gap that has since remained.

The Johns Hopkins Press have in preparation for immediate issue as an extra volume of the Studies in Historical and Political Science, a detailed monograph upon "the Financial History of Baltimore," by Dr. J. H. Hollander, Associate in Economics. Dr. Hollander will also edit in the same series a volume of "Studies

in State Taxation," consisting of six descriptive and critical essays by advanced students of the University, upon taxation in Maryland, Virginia, North Carolina, Georgia, Mississippi and Kansas, respectively.

A striking portrait of the late Professor Sylvester, the eminent mathematician, has been presented to the University and hung in Ira Coy Hall. The students of Professor Remsen have paid a similar tribute to their teacher and friend. Announcement has also been made of the gift of a sum of money adequate for the annual award of a Sylvester medal upon terms to be hereafter announced.

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AMONG the various departments of the University of Wisconsin, the College of Wisconsin. Mechanics and Engi-

neering is one of those that have increased most rapidly in numbers and efficiency in recent years; indeed the last report of this college shows that in the past five years the percentage of increase in the number of students enrolled has been greater than at any other state school of engineering. The growing needs of the college led in January to the creation of the office of Dean and the appointment of Professor J. B. Johnson, of Washington University, to the new position. Besides his well-known books in the field of general and structural engineering, Professor Johnson has recently published the address on behalf of better technical instruction which he delivered at Boston last August, as President of the Society for the Promotion of Engineering Education.

Recent publications issued by the university include the Biennial Report of the Board of Regents, which contains detailed statements of the finances of the institution and the reports of the President and Boards of Visitors; and the Annual Report of the Agricultural Experiment Station, a substantial volume of three hundred pages recording the results of investigations carried



on during the past year by the professors of the College of Agriculture. Among new publications by individual professors may be mentioned Professor Olson's *Norwegian Grammar*, Professor Forrest R. Jones' treatise on *Machine Design*, Professor Turner's edition of the Genet and Mangourit correspondence for the Historical Manuscripts Commission, and Professor Voss' edition of Murner's *An den Adel deutscher Nation*, which appears at Halle in Braune's series of reprints.

Through the efforts of Professor Voss and the generosity of a number of German-American citizens of Milwaukee, the sum of \$3,200 has been placed at the disposal of the University for the enlargement of the library in the field of Germanic philology. This will prove a valuable addition to the resources which Madison already possesses in the German and Scandinavian collections of the University, and in the four thousand volumes of old Dutch works contained in the Tank collection of the State Historical Society.

Throughout Wisconsin and the colder regions of the United States generally much interest has been shown in the process devised by Mr. R. W. Wood, of the Department of Physics, and Professor D. C. Jackson, of the Department of Electrical Engineering, for the thawing of frozen water pipes by means of a current of electricity. The method has been tried with success in several cities and seems to have done much to convince the general public of the utility of scientific studies.

In the course of the winter a number of lectures have been given by persons not connected with the University, among them being "The New Olympic Games," by Professor Benjamin Ide Wheeler, of Cornell; "A Classical Archæologist before the Sistine Madonna," by Professor B. Perrin, of Yale; "Some Aspects of Life in the Old South," by Professor W. P. Trent, of the University of the South; and the biennial address before the State

Historical Society by Professor George B. Adams, of Yale.

THE thing of most importance to Indiana University within recent days happened outside the college walls. The controversy in the State Legislature just adjourned, was of great significance, not only to the University but to education throughout the State. The nominal issue was the reorganization of the State Board of Education, the matter of its future composition being the moot point; the underlying question was whether the public institutions of higher learning should remain at the head of the system of public instruction. An issue was squarely set between state and denominational institutions, and the result of the controversy is a thorough vindication of the present system.

For half a century after its establishment in 1820, the university remained a small college, which boasted a few remarkable men in its Faculty, but whose influence in the State could not cause anxiety to any possible competitor. But under the administration of President Jordan (now of Stanford), the university in name began to be one in fact. Prescribed courses gave way to elective courses, and students began to come in greater numbers. The increase in attendance has steadily gone on; within the last five or six years the number of students has been doubled; and in this respect the University leads all the colleges of the State.

Most of the private or denominational colleges have accepted this remarkable growth of the state university as a natural tendency observable in most of the states of the central part of the country. Their acceptance of the situation carried with it a willingness to co-operate with the State institutions in the intellectual development of the state. A few men of the denominational colleges, however, were unwilling to regard the ascendancy of the university

as established, or even righteous; and therefore assumed an attitude of hostility to the public higher institutions of learning, even going so far as to urge a reduction in the amount of money given by the state to its educational institutions, and strenuously urging a revocation of special privileges supposed to be enjoyed by these institutions on account of their official representation on the State Board of Education.

This board is required by statute to "take cognizance of such questions as may arise in the practical administration of the school system of the State, not otherwise provided for, and duly consider, discuss, and determine the same." The board is composed of the Governor, the Superintendent of Public Instruction, the school superintendents of the three largest cities of the State, and the presidents of the three State institutions of higher learning,—the State Normal School, Purdue University, and Indiana University. The presidents of the several denominational colleges concerned in the movement proposed a complete reorganization of the board, by making all of its members appointees of the Governor, or by forcing at least the withdrawal of the three presidents—the reason for reorganization being the supposed undue power in state educational affairs that representation on the board gave the state institutions. This question, then, as to whether the public institutions of higher learning should be represented on a board which has to do with all public instruction, was exhaustively considered by the Legislature. The movement against the state institutions, which had gathered at first a good deal of strength, culminated in a hearing accorded to both sides by a committee of the Legislature. The outcome is that the board by legislative enactment now consists of precisely the same members as before, and three additional members (gubernative appointments) at least one of

whom is to be a county superintendent—an increase of membership deemed wise by all interested in state education.

Whether rightly or not, the movement has been regarded by the school men of the State as an attack on the integrity of the public-school system, and the result is accounted to be a strengthening of the University. And, indeed, here in the West, universities supported by the State have, in our phrase, "come to stay." The State universities of the West are growing far more rapidly than the denominational colleges, and the people are beginning to take a just pride in their own institutions. At least that is the interpretation which the educational men of the State put upon the action of the Indiana Legislature when by a decisive majority it determined to stand by the public institutions of higher learning.

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THE question of President Taylor's decision in regard to his call to Brown University kept the College in a state of suspense for some weeks. But now that Dr. Taylor has made up his mind to remain at Vassar, it is needless to say that all are congratulating themselves and the college upon his choice. During thirteen years Dr. Taylor has proved himself a tactful and successful administrator, and in the light of such a past the whole college—trustees, faculty, alumni and students are looking forward with confidence to the attainment under the same guidance of sounder ideals in education and broader conceptions of scholarship.

Mrs. Harriot Stanton Blatch, Vassar '78, prominent for work in certain lines of social science in England, gave a course of five lectures during the week ending March 3, in connection with Professor Mill's course on the labor problem. Mrs. Blatch discussed the question of industrial education, particularly for women and took a strong position against those who

advocate special training in domestic occupations for girls. She favored as broad a manual training for girls as that now given to boys and deprecated the beginning of special training for any occupation at an early age, because of its tendency to dwarf and narrow the individual.

Mr. Robert B. Adam, of Buffalo, N. Y., has recently presented to the Department of Economics a fine steel portrait of Adam Smith with an autograph letter written by him in 1777.

Mr. Edward Rod will lecture before the College, April 17th, on the Revival of Dramatic Art or *Cyrano de Bergerac*.

Dr. Charles Waldstein, Director of the American School at Athens, is expected to lecture in May on the Excavations of the Argive Heræum.

On February 25th, Miss Ruth Emerson, of New York, gave a very interesting account before the Hellenic Society of an archæological trip among the Greek Islands with Dr. Dörpfeld.

Professor French is giving a new course this year in Educational Psychology. The work is conducted according to the seminary method, and those aspects of mental science are studied which are of practical importance to the teacher. The course has already covered habit, attention, apperception and imagination, and will include imitation, emotion and volition.

The third annual meeting of the Vassar Alumnae Historical Association was held at the College on February 25th. An address was delivered by Mrs. Robert Abbe, of New York, on the City History Club, the object of which is to raise the level of citizenship by the study of local history.

During the past year the Association presented to the College a number of valuable publications in special lines of history, the most important work being the *Jesuit Relations*. Other gifts of books, presented through the Association, bearing on the early history of Providence and Rhode Island, and special gifts of money to the

amount of \$237 were also received. Up to the present time the Association has given nearly 400 volumes to the College Library.

A letter was received from Professor Salmon, giving some account of her examination, as a member of the Committee of Seven, of the methods of teaching history in the English schools; her conclusions on almost every point were decidedly in favor of the American system. Professor Salmon is now seeking to investigate the methods employed in the French schools.

The session closed with a discussion of methods of arousing interest in history. The present membership of the Association is 180, including 16 life members.

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STANFORD UNIVERSITY has the unenviable distinction of being the only university in the United States that pays taxes to the state. Two years ago a bill was introduced into the California Legislature to exempt a portion of the University property from taxation, but it failed to pass, the principal objection being that the bill was considered unconstitutional. The friends of the University have kept steadily at work since that time, and during the political campaign last fall members of the Alumni Association interviewed the candidates for the Legislature and found that it was the almost universal opinion that the state was standing in the way of her own progress by taxing Stanford University. Consequently a bill was introduced into the present Legislature providing that an amendment to the constitution be submitted to the people at next election, authorizing the Legislature to exempt the university property. The measure has been passed by a large majority in both houses. Thus California has placed herself in line with her sister states in the encouragement of higher education. The fifty thousand dollars a year which are paid to the state

under the present law can be used to great advantage in increasing the facilities for work in the different departments.

President Jordan's late fishing trip in Mexico promises excellent results for science. Three large river systems were fished—the Rio de las Balsas, the Rio Grande de Santiago, and the Rio Panuco. Professor Snyder, who accompanied Dr. Jordan on the trip, is at work upon the collection. He states that the faunæ of the three rivers are found to be different. Those of the Panuco and Balsas are closely related, however. Several new species were taken from each of the rivers. These belong to the families Siluridæ, Catostomidæ, Cyprinidæ, Cichlidæ, Atherinidæ and Pocciliidæ.

Along with the vast amount of outside work which Dr. Jordan is called upon to do, the growth of the university has so increased his administrative duties that he has been compelled to create the office of vice-president. Dr. Branner, Major Professor in the Department of Geology, has been appointed by President Jordan to fill this position. Dr. Branner is not only a man of great scientific attainments, but is also possessed of the executive ability which will make his assistance most valuable, and insure the president that in his absence the affairs of the University will not suffer.

A very valuable course of lectures is being given during the present semester on "The Jewish Framework of Christianity," in connection with the Department of Bronomics by Rabbi Voersanger, of San Francisco. Judge Lindley, of San Francisco, is also giving a course of lectures in connection with the Law Department on mining law.

The Department of Hygiene, under the direction of Dr. Wood, is doing work which is of greatest importance to those interested in the practical problems of human life as related to the sexes. The work is not only valuable to students, but is of

vital importance to parents in the instruction of their children. It is conducted along scientific lines, each problem, so far as possible, being studied in the light of the results of recent physiological investigation. The courses in the Hygiene of Sex are open to all advanced students, and are given as regular university courses.

The Philippine question is receiving more than an ordinary share of attention at Stanford, due no doubt to the fact that President Jordan is taking a prominent part in the discussion of the question. He has already delivered three addresses before the students, in which he has opposed expansion. The Hon. John J. Valentine, President of the Wells Fargo Express Company, and the Hon. Horace G. Platt, of San Francisco, have each delivered an address at the University upon the same subject. Mr. Valentine is a man of great business foresight, and brings to his subject a valuable knowledge of Oriental customs and conditions gained by personal observation. Mr. Platt opposed the views expressed by Dr. Jordan and Mr. Valentine.

Dr. Jordan's "Footnotes to Evolution," published by the Appletons and Professor Campbell's, "The Evolution of Plants," published by The Macmillan Company, are the latest works by Stanford professors. Next summer a volume of sermons and addresses delivered by the late Dr. Thoburn at Stanford University, will be published.

Professor Edward Howard Griggs has resigned his position as head of the Education Department, to begin work as a public lecturer in New York.

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THE patriotic spirit was again manifest at the exercises of University Day, Washington's Birthday, and the **Pennsylvania**. deliberative logic of President Seth Low's address on "The United States in 1899" was a fit sequel to the reassuring, but unimpassioned discourse of

President McKinley delivered under the same auspices a year ago, before the outbreak of the Spanish-American War.

In the two important inter-collegiate debates between Cornell and Pennsylvania, and Pennsylvania and Michigan, Pennsylvania won in the former and lost in the latter. The effects, however, of the defeat is perhaps more salutary than that of victory, as the direct stimulus to new efforts in oratorical exercises among our defeated men last year amply showed. It is to be hoped that these forensic contests may gain an importance in our colleges and universities that will be at least commensurate with the popular interest in athletic contests throughout the country.

The following scholarships have been named: The E. Otis Kendall Memorial Scholarship, The John White Field Scholarship, and The Francis Peters, of Philadelphia, Scholarship.

Subscriptions are beginning to come in for the George Allen Professorship of Greek Language and Literature.

Among the new additions to the Museum collections which are now being housed in the new Museum Building, are a Buddhist Temple, which has been erected under the direction of Professor Summerville, who is preparing a monograph describing the objects in the temple. Dr. W. H. Furness and Dr. H. M. Hiller have recently brought a new collection of fossils from the lime quarries and phosphate mines on the Gulf side of Florida. These collections have been made on behalf of the Wistar Institute of Anatomy. Among the animals thus far identified are the elephant, mastodon, and rhinoceros.

The mid-year examinations recently held in the College show a most favorable diminution in the number of conditioned students since the adoption of the more rapid entrance examinations. The percentage of conditions in the four years running as follows: Senior, 2; Junior, 3; Sophomore, 4; Freshman, 6.

The Veterinary Department has recently received a gift of \$5,000 as a bequest from the late Mrs. Joseph E. Lippincott, and a recent donation received by the library is the sum of \$7,000, to be spent in completing, if possible, the collections of official publications of the British government. P. S. King & Son, of London, are engaged in making up a set of "Blue Books." About one hundred of these are published each year, covering a wide range of subjects. About 2,000 volumes have already been received, including the reports of the Labor Commission, the correspondence relating to the Venezuelan boundary, the reports of the local government board, and that of the commission on secondary education. There is also a selected series of British and foreign state papers, from 1812 to 1895, in sixteen volumes. The library has recently secured the journals of the two houses of Parliament and the statutes of the realm, from 1235 to 1703, in eleven volumes.

The University now owns the library of the late Mrs. Bloomfield Moore, numbering about 3,000 volumes. The new acquisition is particularly rich in literature, science, and mediæval history, including the much prized "Annals of History" and "Ginlini's Municipal History of Milan."

On the personal side of the university, a number of items of interest have been chronicled. Dr. J. M. Da Costa has been elected to the Board of Trustees.

Professor Joseph French Johnson has been appointed lecturer upon monetary problems in the Department of Philosophy.

Mr. Frank Edson Perkins has been elected Assistant Professor of Design in the School of Architecture.

Dr. Edwin J. Conklin's title has been changed from that of Professor of Comparative Embryology to that of Professor of Zoology.

Dr. J. B. Deaver has resigned the Assistant Professorship of Applied Anatomy.

Dr. Simon Flexner, of the Johns Hop-

kins Medical School, has been appointed Professor of Pathology, to succeed Dr. John Guit  ras; who recently resigned to return and take up his work in Cuba.

Professor Chas. C. Townsend, who recently resigned his professorship in the Law School, has been presented with a loving-cup by the students of the Department.

M. Rod, who has been lecturing before the Circle Francais at Harvard, has been invited to lecture later at the University of Pennsylvania.

THE subject of debating has been much under discussion recently. The great

**Yale.** Yale debating society, or Yale

Union, is said to be practically defunct, although large encouragement has been given it. There is, moreover, a general enthusiasm as to debating. Yale has been so fortunate as to win three consecutive intercollegiate debates. One indication of weakness in the Yale Union is that class debating clubs have arisen; the Seniors have their "Windy Club;" the Juniors their "Junior Wigwam;" and the Sophomores have two societies—the "Sophomore Wigwam" and "The Wranglers." While these are all flourishing they are not official class organizations and are not self-perpetrating. On the contrary, they depend upon the support or ability of a selected few, the withdrawal of whose support would endanger the existence of the organization. An attempt is being made to fix upon the Yale Union as the center of a confederation of debating clubs, all of which shall be managed by one central organization.

The publication of the Report of President Eliot of Harvard gives an opportunity for an interesting comparison of the two institutions as to their courses of instruction and the amount of instruction given in each department of study for the year 1897-8. In the succeeding table the figures refer to hours per week of instruc-

tion on the subjects named: the first column refers in each case to Yale and the second to Harvard:

Ancient Languages, . . . . .	3 683	1,801
Mathematics, . . . . .	1,875	927
Philosophy, . . . . .	1,890	1,806
Political Science, . . . . .	2,170	2 845
History, . . . . .	2,232	3,161
English, . . . . .	2,224	4,093
European Languages, . . . . .	2,263	3,860
Natural and Physical Sciences, . . . . .	1,325	3,248
Biblical Literature, . . . . .	139	12
Art, . . . . .	42	1,374
Music, . . . . .	30	150
Military Science, . . . . .	14	367
Physical Culture, . . . . .	14	0
Total, . . . . .	17,896	23,696

This table shows very well the characteristic tendencies of the two universities and will no doubt accelerate at Yale the movement already of considerable strength to decrease the comparative amount of attention given to the ancient languages and mathematics, and to increase that given to history, English, modern languages, and natural and physical sciences.

It will be noticed that the number of hours in philosophy is in both institutions practically the same, while in ancient languages and mathematics Yale leads in a striking manner. On the contrary, Harvard leads in an equally striking manner in the subjects which have comparatively recently come into active demand.

The discussion as to President Dwight's successor still continues. One of the prominent names more recently mentioned is that of Professor Geo. B. Adams, of the History Department, whose recent and most satisfactory text on European History has again brought him prominently before the educational world. The rumor connecting President Harper, of Chicago, with the Yale presidency, aroused some excitement, but seems to have had no foundation in fact.

Two candidates have been nominated

for other vacancies in the Yale corporation. They are Henry F. Dimock, of New York City, and Col. Norris G. Osborn, of New Haven, editor of the *New Haven Register*.

Yale's latest bequest is by Herbert Stewart, formerly of New London, Conn. He leaves \$40,000 absolutely and as much more to accrue eventually to Yale University. It is to be used for scholarships in the Sheffield Scientific School for the benefit of poor and meritorious young men born in New London and Waterford, Conn.

Professor J. M. Hoppin, the oldest professor in continuous active service in the university, has resigned his position as professor of the History of Art. He has been professor for 38 years and now is in his 80th year. It is said that he expects to devote the rest of his life to literary work. He came to Yale in 1861 as college pastor and professor of Homiletics, which place he filled until 1879 when he took the chair of History of Arts.

Professor Wm. G. Sumner, of Yale, has followed up his famous lecture on "The Conquest of the United States by Spain," by signing the recent appeal to the people of the United States to co-operate in an attempt to induce the government to suspend hostilities in the Philippines, in order that they may be offered independence upon a guarantee of the protection of property.

The new pamphlet announcing the elective courses for next year, will soon be out. The number of courses does not differ materially from last year. Professor Ladd goes to Europe; Professor Willams gives a course on The Principles of Evolution; Dr. Stearns on Ethics; Dr. Davies on *Æsthetics*; Dr. Scripture on Psychology of Expression. Professor Huxley offers two new courses, one on History of Economic Thought; the other on Regulation of Trade and Industry. Professor Irving Fisher will not be able to return for the year 1899-00.

THE completion of the new Pierce Building and its occupation by the Departments **Massachusetts of Mechanical Engineering, Architecture, Chemistry and Biology**, has led to many changes in the older buildings. Rogers has benefited particularly. The large hall formerly subdivided for the use of the Biological Department has been cleared of partitions. A gallery has been built round a large part of the room, and book cases, reading tables, etc., have been placed in it.

In this room is now housed the English department library, the books of general reference, and all books and pamphlets which do not belong positively to the various department libraries.

Another library, that of mathematics, has now been provided with suitable quarters. A room on the second floor of Rogers has been stripped and rebuilt. Here, too, mahogany book cases and furniture, rugs and portraits have provided appropriate setting for the volumes.

A special case is now filled with the mathematical and astronomical library of Professor Runkle, presented recently to the Institute. Mr. Runkle was President of the Institute from 1868-78; he has been Professor of Mathematics from the opening of the college, and he was for thirty-five years with the Nautical Almanac. During this time, he has accumulated not only a wide collection of elementary mathematical text-books which furnish a history in themselves of the progress of teaching mathematics, but also many rare and valuable sets of mathematical works. Among others Bowditch's translation of La Place's *Mécanique Céleste*, Price's *Treatise on Infinitesimal Calculus*, Mange's *Application de l'analyse à la Géométrie*, Plücker's *Analytische Geometrische Entwicklungen*, the collected works of Jacobi, Steiner, Barrow. Carnot's *Géométrie de la Position*, and many valuable early numbers of mathematical journals. In

addition to the works given by Professor Runkle, the library is rich in works on the higher mathematics, and in models made by Brill, of Darmstadt, many given by Mr. Wigglesworth.

A dinner was given recently at the Technology Club by the Corporation and Faculty of the Institute, in honor of Daniel Chester French, '71, the sculptor, whose magnificent bust of General Walker now faces the visitor or student entering Rogers. Among those speaking were President Crafts, President Drown, of Lehigh, Professor Charles Eliot Norton, of Harvard, and Mr. C. Howard Walker.

A Geodetic Observatory is a necessary part of the equipment of an institution giving instruction in geodetic methods of surveying. The plans for the erection of such an observatory near Boston have been under discussion ever since the adoption of what is known as the Geodetic Option of the Course in Civil Engineering, but it was not until May of 1898 that the observatory became an established fact.

This observatory is intended primarily to be used in giving instruction in the most refined methods of determining latitude and longitude and secondarily to be used in magnetic and gravity observations.

A hill in the southeastern part of Middlesex Fells was chosen for the site. Here was found a firm foundation for the most delicate instruments, free from the vibrations caused by railroad and highway traffic and not too far from Boston. There is an unobstructed view of the heavens and the horizon, with the two United States Coast Geodetic Survey triangulation stations, at Blue Hill in Milton and Prospect Hill in Waltham, in plain sight.

The Park Commissioners kindly granted permission to the Institute for the erection of the building, with the provision that it should be built of field rock and with pleasing proportions. The exterior was designed by Professor Homer. The building is of stone; it is fifteen feet square and

contains the following apparatus, namely; a transit instrument of two-and-one-half inch aperture, twenty-seven-inch focus, with a delicate level and micrometer eyepiece for latitude observations; a sidereal chronometer; a chronograph; a magnetometer; a dip circle; an altazimuth instrument; and various other smaller appliances, such as a heliotrope, a self-recording barometer, etc. During the present year it will be further equipped with a one-half second pendulum for determining the force of gravity.

Observations have been made during the past term for the determination of time, and on latitude by Tolcott's method. Arrangements have been made for the determination of longitude by telegraphic connection with the Cambridge Observatory.

Much work has been done at the observatory that could not before be performed at any of the Institute buildings. This is especially true of the tests on delicate spirit levels and the determination of constants depending on such observations, and is due to its freedom from vibrations, while its distance from all magnetic disturbances renders it especially favorable for observation with the magnetometer and dip circle.

It has been attempted to give the students in geodesy such practice as will not only illustrate the theory, but enable them to make satisfactory observations of paramount value with all the various instruments mentioned, at the end of the work. The observatory will also be used by all civil engineering students in connection with their fourth year astronomy.

The observatory, on account of its unique position will be a valuable magnetic station and its observations will probably be incorporated in the general magnetic work of the United States Government.

The additional room gained by the Engineering Laboratories, through the erection of the Pierce Building and the ad-



dition of the new tandem compound engine now being run, allows of a greater variety of work during an exercise. Where thirty men formerly worked on one engine and its pumps, fifteen men now work on each engine. This gives the men twice as much work as formerly, and the opportunity to learn very much more.

A CHANGE of some importance to Cornell is the substitution by the Trustees of the new Summer Session for the former Summer School.

**Cornell.** In 1892 certain professors co-operated to offer summer courses of six weeks' duration in about a dozen subjects, chiefly natural science and modern languages. Their primary purpose was to contribute something to the improvement of the teaching in those preparatory schools from which Cornell freshmen largely come, especially the high schools of New York State. Accordingly the scientific courses were designed for such teachers as might wish to fit themselves for laboratory work, while the language courses were intended to diffuse a knowledge of good methods of teaching the living tongues, including English, it being thought that the average of instruction in these fell below the grade usual in the teaching of the classics.

The official attitude of the University towards the new departure was at first like that of the United States towards the partition of China—"disinterested neutrality." The venturesome professors were allowed the use of buildings and apparatus—upon assuming personal responsibility for possible damage—and were told to go in and win. They were to pay the expenses of advertising and conducting the courses, to set such fees as they thought best, and to keep the surplus if any there should be.

The experiment of summer courses proved successful, and the *Register* for the following year announced that "the Summer School has now become an integral part of the University, and the number of

courses offered is considerably increased." The General Faculty assumed some control over the courses to be offered, and even allowed students already matriculated in the University to enter regular examinations in subjects which they had pursued in the Summer School only. Otherwise it went on much as before, a semi-private venture for the profit and at the risk of such professors and instructors as might offer courses in it. At first the attendance grew. After a couple of years it remained nearly stationary, and several of the professors who had begun the school found it possible to make better use of their vacations in uninterrupted study or in travel, and withdrew. Others of the well known professors remained faithful, but instruction in the Summer School certainly drifted to some extent into the hands of younger and less experienced men—instructors and assistants. President Eliot says that two sorts of men make good teachers, young men and men who never grow old. Apparently some of the schoolmasters, and especially the school ma'ams, who came to Cornell in the summer had a less favorable opinion of young men as teachers. At any rate the feeling grew that the Summer School must be made either something more or very much less.

The coming of President Charles DeGarmo from Swarthmore to Cornell as Professor of the Science and Art of Teaching, gave the Trustees the desired opportunity. They established in the place of the Summer School a Summer Session, of whose faculty Professor DeGarmo was made Dean. In the words of its first Announcement, "The principal object of the Summer Session is to furnish instruction to teachers in high schools and academies." To this end "the larger proportion of (the courses) will be conducted by regular professors," who "are to be regularly appointed and paid by the University." In other words, the Summer Session is an additional term of six weeks, in

which are offered seventy-five courses by most of the professors of the Faculty of Arts and Sciences. The precise relations of this separate term, with its separate faculty, to the rest of the University are as yet rather ill defined, but enough is already known of its prospects to warrant the prediction that the new Summer Session will far surpass the Summer School in extent and usefulness.

In the Faculty of the Summer Session there appeared two names that are new to the Cornell teaching force. One is the name of a Cornell graduate, who teaches from October to June in a southern college. Its presence suggests a way in which the work of the Summer Session may be kept comprehensive without calling on those Cornell professors who may prove unwilling hereafter, even for a substantial addition to their salaries, to sacrifice to the routine of summer teaching the "vacation" time, which they need for laboratory research, for field-work in natural history or geology, or for writing, if they are to do what the University has a right to expect.

But among Cornell alumni, at least, more attention will be attracted by the name of "Anna Botsford Comstock, B. S., Assistant Professor of Zoology with reference to Nature Study in Insect Life." It is not clear just what this portentous title may connote, but it is clear that Mrs. Comstock is the first woman to be appointed "professor" by the Trustees of Cornell University. She is not, however, the first woman to give instruction in the University, as Miss Brownell, since her appointment as Warden of Sage College and Lecturer on English Literature, has conducted classes regularly. But Miss Brownell, since she is not called "professor," is not, under the University Statute, a voting member of any faculty, as all professors in any of the colleges are. It may be noted, however, that by recent action of the University Faculty, Miss Brownell was ap-

proved as an examiner of candidates for the doctor's degree in English literature during the approaching absence of Professor Corson, a position to which heretofore only members of that Faculty have been eligible.

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At their December meeting, the Board of Regents decided to assume entire control of the Summer School, Michigan, thereby making it an integral part of the University. This year's session will extend from June 28th to August 10th. A large number of advanced courses will be offered, in which students may receive credit toward a degree. There will also be other courses designed especially for those who teach, or are preparing to teach in the Secondary Schools. A number of special lectures, bearing on the history and teaching of several branches will be given by members of the Faculty. A few courses have also been arranged in subjects preparatory to entering upon regular University work.

A fitting memorial is to be erected in memory of Henry Simmons Frieze, Professor of the Latin Language and Literature in the University from 1854 to 1889, and twice during that period Acting President of the University. A granite monument will be placed near his grave in Forest Hill Cemetery, modelled after the famous sarcophagus of Scipio Barbatus in the Vatican gallery at Rome. This monument is a tribute from the Alumni of the University; it will be unveiled with appropriate exercises on Alumni Day, June 21st.

A new catalogue of the art gallery of the University of Michigan, prepared by the curator, Professor M. L. D'Ooge, has just appeared. An examination of it shows that the whole number of entries is about 2,700, 467 numbers being given to the Lewis collection of paintings and marbles, which has recently been arranged for public exhibition. Among the paintings

distinguished by Professor D'Ooge as specially worthy of attention are *The Twins*, by Bouguereau; *Richter's Slave Girl of the Alhambra*; *Grace before Meat*, by Jordan; *A Montenegrin Chieftain*, by Valerio; *Cattle Pasture in Holland*, by De Haas. The casts of the arch of Trojan, presented to the University by the class of 1896, will be mounted in the extension of the art gallery in the new addition to the library building.

The following papers and reports before the Classical Club, which has held bi-weekly meetings, may serve to indicate the range of work pursued during the present year: Review of Lane's Latin Grammar, Professor Rolfe; Recent Criticism of the Text of Cæsar, Professor Kelsey; The Sources of the Anonymous Valesii, Professor Drake; Recent Articles of Interest in the Rheinisches Museum, Mr. Hadzsits; Did the Romans say *aurum* or *aurum*? Review of Birt's Monograph, Professor Hempl; Recent Excavations and Discoveries in Italy, Dr. Denison; Greek Tragedy and Greek Art, Dr. Wait; A Lost History of the Roman Empire, Mr. Morey; Horace and the Tradition of Satire, Professor Geo. L. Hendrickson, of the University of Chicago; The Division of the Roman Provinces in Cæsar's Time, Mr. Thurnan; Report of the Committee of Twelve on Latin and Greek, Professor Kelsey; Recent Excavations in Delphi and Corinth, Professor D'Ooge.

The subject of beet sugar manufacture is attracting considerable attention in Michigan just now, and a study of the industry with experimental analyses of beets for sugar are being made in the chemical laboratories of the University. Professor Paul C. Freer, of the department of general chemistry, has been giving especial attention to the matter, and during February read a paper on Sugar Beets and Beet Sugar at a large farmer's institute. A course of laboratory work and lectures

upon the subject is announced for the Summer School by Erwin E. Ewell, of Washington, one of the United States chemists of the Department of Agriculture.

The total enrollment of students in the University at the beginning of the second semester was 3,122. These were apportioned among the different departments as follows: Literary, 1,308; engineering, 250; medical, 427; law, 750; dental, 243; homœopathic, 63; pharmaceutical, 81. This is a slight increase over the number enrolled last year at the same time.

The sixth annual May Festival will be held May 11th, 12th and 13th, and will, as usual, consist of five concerts. Among the soloists are Sembrich, Campanari, Sarah Anderson, Jacobe, Evans Williams and Myron W. Whitney, Jr. The chorus this year numbers about 300 voices; the orchestral work will be furnished by the Boston Festival Orchestra. The principal compositions rendered will be the Sampson and Delilah by Saint Saëns, Brahms's Requiem and Verdi's Stabat Mater.

This year for the first time in the history of the University, a partial system of compulsory gymnasium work has been introduced. The freshmen of the literary department are required to devote at least two hours each week to regular exercise in the gymnasium. Although no credit is given for this work, it is required for graduation. The cause of athletics has not been neglected the last two months. A new cage has been swung in the gymnasium for the indoor training of the battery candidates for this season's baseball team. The management has secured as coach, Henry Clarke, the ex-Chicago pitcher, who has been for two years past a student in the law department. The idea of an extended eastern trip has been practically given up, because of the difficulty in arranging satisfactory dates. There will be the usual encounters with western teams, and a desperate effort will be made to sustain the reputation won last season on the

gridiron. Track athletics are also receiving their due attention. This winter for the first time there has been formed a Hockey Club. Several games have been played with Canadian teams, and while the latter were in each case victorious, it is reported that, taking into consideration the superior skill and training of their opponents, the members of the Michigan club made an exceptionally fine showing.

Professor Henry S. Carhart, of the Department of Physics, and Mr. Victor E. François, Instructor in French, have been granted leave of absence for one year; Assistant Professor Joseph H. Drake, of the Latin Department, and Professor Alfred H. Lloyd, of the Department of Philosophy, have leave of absence from May to October to do certain work abroad.

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"SINCE we are but beginning to realize in a vague way the vast possibilities for commercial development **California.** which center around the Pacific Ocean, the location upon the shores of that ocean of the first real College of Commerce to be founded in the United States, seems to have a peculiar appropriateness and a deep significance for the future." (*Merchants' Assoc. Rev.*, October, 1898.)

On March 9, 1897, a resolution was presented in the Board of Regents, by Regent Rodgers, providing for the establishment of a College of Commerce in the University of California. On January 15, 1898, the committee having the matter in charge reported in favor of the motion; and on the same day the College was established. Since this is the first complete College of Commerce of university grade founded in the United States, some account of its scope and of the considerations which led to its establishment may be of interest to the university world.

For a full description the reader is referred to the *University Chronicle* (Berkeley, December, 1898), which contains the

report of the Committee and the Announcement of Courses, and to two articles by Professor Plehn (Dean of the College) in *The Merchants' Association Review* (San Francisco, October and December, 1898). From these sources we select and quote.

From the *Announcement* as follows: This College is intended to afford an opportunity for the scientific study of Commerce in all its relations, and for the higher education of business men and of the higher officers of the civil service. A complete College of Commerce should provide for two sets of activities: (1) instruction; (2) scientific investigation. Eventually the College should carry on continuous investigations in all the movements of trade; in transportation, communication, exchange, finance, banking and insurance; in markets, products and prices; in short, in all the conditions, legal, political, economical and physical, upon which trade depends. The results of these general investigations should be published for the use of the community, and special investigations should be made from time to time in response to the demands of the community. The College should also offer those persons intending to enter a business life or the civil service, an opportunity to obtain a "college education" which will have some practical bearing upon their future work. In order to accomplish this object adequately the College should be able to offer, besides the fundamental courses, a large number of special courses upon the different subjects more or less closely related to commerce, so that the student may arrange his studies with special reference to the object he has in view.

That the step taken by the University of California was advisable is evident. For, as Professor Plehn says, commercial organization is the order of the day, and the successful administration of the vast aggregation of capital, the buying and selling of goods in the world's markets under the

conditions of world-wide competition require the broadest mental training and the widest knowledge that can possibly be obtained. Therefore, once again the universities are called upon to expand their courses. They must offer the merchant and business man a thorough training in the scientific principles underlying the profession. The things to be taught are more important than book-keeping and accounting. They demand, first, the general discipline and culture requisite to success in any series of mental operations; and secondly the information and training specially adapted to the end in view. This second requirement has two sides. On the one side it presents all those sciences that deal with the principles and practice of exchange (economics, finance, the political sciences, the history of industry, mercantile law, and the laws relating to property in different countries); on the other side it presents the sciences that deal with transportation and with the materials of commerce, or the wares to be exchanged (hence, geography, and a considerable number of the natural and technical sciences).

That the establishment of the College is justified, historically, the experience of other nations proves. In the German Empire there are probably sixty Commercial high schools; in France and Belgium, ten; in the Austrian Empire and Italy, fifteen. And some of these were founded over a hundred years ago. But it is to be noted that they are independent schools, established generally by merchants' guilds and the like, and having no affiliation with other institutions nor with each other. The success of these schools has been creditable, especially in view of their development outside and in spite of the universities and pedagogic efforts; and their influence upon commercial enterprise has been so extensive as to excite alarm in Great Britain and set her to devising similar methods of commercial education.

This movement in the University of California, while availing itself of the experience of other educational institutions, is novel in that it has established an institution at once of general culture and commercial training of *University grade*, and has incorporated it in the University of the State, with a complete curriculum that will lead up to a Bachelor's degree (designation not yet determined). But while novel, the step taken is the natural and logical outcome of the economic development of the country. It is, moreover, but the outcome of an intention which California has had in mind for thirty years. It was provided for in the Organic Act of 1868, which established the University of California, and which enumerating the colleges that shall compose the University, specifies a College of Commerce. The action of the Board of Regents on January 15, 1898, was merely the fulfilment of this, the first statutory provision in the United States for the erection of a university course in commerce.

Similar courses will naturally develop in different parts of the United States. But a few weeks after the announcement of the scope and purpose of this College of Commerce and of the provisional arrangements for the commencement of instruction this year, the University of Chicago established a College of Commerce by grouping together the departments of Political Science, Political Economy, History, Sociology and Anthropology; a plan which would not appear to provide for the training in language, literature, mathematics and science included in the California curriculum. Columbia University has for some time had a plan for a Commercial Department under consideration. And for years the University of Pennsylvania has had its Wharton School of Finance on a much less comprehensive plan than the California College of Commerce, but with a similar purpose.

The College takes its place in the Uni-

versity of California besides those of Letters, Social Sciences, and Natural Sciences, as the fourth of the Colleges of General Culture; and as distinct from the five Colleges of Applied Science. The requirements for admission and the prescribed studies are the same as those of the College of Social Sciences or of the College of Natural Sciences, according to the student's aim. As in those colleges, half of the curriculum is prescribed (English, History, Foreign Languages, Mathematics, Science); about one-quarter of the curriculum must be devoted to an advanced *elective* taken from certain stipulated *groups* of study: Economic, legal, political, historical, geographical, technological (concerning transportation, and the materials of commerce), mathematical and linguistic; the remainder of the curriculum is left as Free Elective to the preference of the student. It will be observed that the mere arts of the counting-room do not, of course, belong to the list of studies. It is the intention of the authorities to maintain the course upon a high scientific plane. It is also intended

to encourage or require students to spend one or more years in some foreign country, that they may become familiar with its commercial and industrial conditions.

On March 8, 1898, George Davidson, Ph.D., Sc.D., was elected Professor of Geography in the College. A Professor of Maritime Transportation, and a special Professor of Commerce will be added as soon as possible.

In August last, at the opening of the half-year, three entering students matriculated in the College, and a number of students already enrolled in the University were transferred to the new College from other colleges.

On September 13, 1898, Miss Flood, of San Francisco, endowed the College of Commerce with the Flood Residence and tract of about 540 acres near Menlo Park, Cal.; one-half interest in about 2,400 acres of marsh land adjacent to the residence tract, and four-fifths of the capital stock of the Bear Creek Water Company which supplies water to Menlo Park.

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## Notes and Announcements.\*

*James Russell Lowell and His Friends*, Edward Everett Hale's reminiscences, is to appear in April, and by mere coincidence, Edward Everett Hale, Jr.'s, sketch of Lowell, in the *Beacon Biographies*, will be published during the same month.

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*Men's Tragedies* is the title of a volume of nine stories by R. V. Risley which is in press for immediate publication by The Macmillan Company. As its name indicates, the book is a set of realisms, but they are the realisms of idealists, strong,

high, pure and desolate men—not the realisms of the gutter and the garret.

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*The Maternity of Harriott Wicken*, by Mrs. Henry Dudeney will be published early this month by the Macmillan Company. It is a novel of marked ability. A realistic and remorseless study of unhappiness. The protagonists are three women and two men. It is said by those who have read this book in advance sheets that is a novel to be reckoned with.

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G. P. PUTNAM'S SONS have in press, for early publication, a volume entitled *Two Women in the Klondike*, by Mary E. Hitchcock. The volume will present the record of a journey undertaken in the summer of 1898 by Mrs. Roswell D. Hitchcock, the widow of the late Commander

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\* Publishers are requested to note that all literary announcements should be in the editor's hands not later than the 16th of the month. The subscription list of BOOK REVIEWS is one of 10,000 names. It circulates chiefly among the educational and professional classes and members of the book trade.

Hitchcock, U. S. N., and Miss Van Buren, a grand-niece of President Van Buren.

*Physics for Beginners* is the title of a work written for use in College and Secondary Schools by Henry Crew, Ph.D., Professor of Physics in the Northwestern University.

The author's treatment differs from that in other elementary books on the same subject in that it is more consecutive. It is at every point experimental and quantitative.

*Electricity in Town and Country Houses*, by Percy E. Scrutton, is the title of a popular, practical, and fully illustrated handbook just issued by the Macmillan Company. Domestic applications of electricity have been treated in this volume in as concise and complete a manner as possible, so that it may come within the compass of the every-day well-informed householder as well as the electrician.

*Bird-Lore* (The Macmillan Company) for April, contains a letter from Governor Roosevelt urging the importance of protecting our birds, which shows the writer to be a genuine bird-lover and thoroughly conversant with his subject. The same number also contains contributions from Annie Trumbull Slosson, Florence A. Merriam, Ernest Seton Thompson, Frank M. Chapman and others, and there are some remarkable photographs of wild birds from nature.

PROFESSOR MACVANE'S translation of Seignobos's *Political History of Contemporary Europe 1814-1896*; *Elements of Finance*, by Professor William M. Daniels, of Princeton; *Talks to Teachers*, by Professor William James, of Harvard; *Economics*, collected papers of the late Gen. Francis A. Walker; *Standard English Poems*, selected by Henry S. Pancoast, and a one-volume unillustrated edition of Britton's *Flora*, are among the works soon to be issued by Henry Holt & Co.

*The Quest of Faith* is the title of the latest book by Thomas Bailey Saunders, author of *The Life and Letters of James Macpherson*. It consists of about eight chapters upon the current philosophy of religion and will be published shortly by

The Macmillan Company. As Agnosticism is the state of mind that is perhaps most generally characteristic of the present day, the first chapter deals with some of its arguments, as they are advanced by the writer, who is most often regarded as its chief exponent.

THE MACMILLAN COMPANY will publish early next month *A Selection of Poems for School Reading* by Marcus White, Ph.B., Principal of the State Normal Training School, New Britain, Conn. The Selection has practically been made by students themselves, as the book is the outcome of many years in the classroom. It consists of a large body of verse among the masterpieces in English literature which is not to be found elsewhere in a single collection. The text will be accompanied by needful notes and short biographical sketches of the author.

THE Clarendon Press, Oxford (New York, Henry Frowde), has in active preparation *A Concordance of the Proper Names in the Septuagint*, by H. A. Redpath; *The Oxyrhynchus Logia and the Apocryphal Gospels*, by the Rev. C. Taylor; *A Dictionary of Vernacular Syriac*, by N. J. Maclean; *Letters of Ricardo to Trower*, edited by James Bonar and J. H. Hollander; a second series of *Studies in Dante*, by the Rev. E. Moore; a Supplement to Bosworth's *Anglo-Saxon Dictionary*, by T. N. Toller, and *Modern Land Law*, by E. Jenks.

THE fifth volume (1821-1837) of McMaster's *History of the People of the United States* is forthcoming from D. Appleton & Co., along with *A History of American Privateers*, by Edgar S. Maclay; *Admiral Porter*, by Professor J. R. Soley; *The Reminiscences of a Very Old Man (1807-1897)*, by the late veteran engraver John Sartain; *The Principles of Taxation*, by David A. Wells; *Outlines of the Comparative Physiology and Morphology of Animals*, by Joseph Le Conte; *Montaigne's Education of Children*, by Dr. L. R. Rector, and *Idylls of the Sea*, by Frank T. Bullen.

*The Development of the English Novel* is the title of a book by W. L. Cross, assistant Professor of English Literature at

Yale, which will be published in April by The Macmillan Company. The author's aim has been to point out the first appearance of new elements in the progress of fiction, such as the introduction of letters, history, humanitarianism, and psychology, and to trace in outline the development of those new departures. To the main text are added bibliographical indications for the student, and for popular use a list of twenty five prose fictions logically arranged, showing in large outline the development of the English novel.

Doubleday & McClure Co.'s spring announcements include the Temple Edition of Dickens's Works in forty volumes (in connection with Dent & Co.); *With Sampson Through the War*, by W. A. M. Goode; *Life Masks of Great Americans*, by Charles H. Hart; *The United States of Europe: On the Eve of the Parliament of Peace*, by W. J. Stead; *The Real Hawaii*, by Lucian Young, U. S. N.; *How to Plan the Home Grounds*, by S. Parsons; *Within the Hedge*, verse, by Martha Gilbert Dickinson; *Nature's Garden*, an aid to our knowledge of wild flowers, by Neltje Blanchan, and *A Voyage to the Moon*, by Cyrano de Bergerac.

PROFESSOR EDWARD BRADFORD TICHENER is preparing for publication early in the fall *A Laboratory Manual of Experimental Psychology*, which will be published by the Macmillan Company. The work will be in two volumes and will detail an elementary course of laboratory work. The first volume will deal with qualitative analysis, the second with the exact measurement of mental processes. Each volume will be published in a student's and a teacher's edition, the former giving instructions as regards the conduct of experiments, control of introspection, etc., and the latter furnishing references, cognate questions and exercises, and standard results.

*Rural Wealth and Welfare*, by George T. Fairchild, Vice President of Berea College, is the title of a new volume in "The Rural Science Series" which is issued under the general editorship of Professor L. H. Bailey, of Cornell University. There is no work on political and social economy which is prepared particularly for the farmer. This work will discuss the fun-

damental principles of wealth, production, capital, labor, transportation, social conditions and the like, but draws its facts largely from rural subjects and is meant to apply with especial force to country conditions and problems. Dr. Fairchild has been a life-long teacher of these subjects, and the book will speak with some authority.

*The American Art Annual*, edited by Florence N. Levy, will be published on April 1st, by the Macmillan Company. It is planned to meet the demand for a full, authentic and carefully compiled annual record of the progress of art and of the more important interests directly connected with Art in America. It will contain a complete record of painters, their works for 1898, the reports of art museums, art schools, galleries, societies and foreign exhibitions. It will contain upwards of ninety-three half tone reproductions of pictures of the year, portraits, etc. Other features of interest in the Annual will be directories of artist-artizans and art dealers, together with a list of art books and magazines of the year.

WINSTON CHURCHILL's new novel which will be published in May by the Macmillan Company will take its title *Richard Carvel* from the name of the principal character in it. He is a young Maryland aristocrat, as is also the heroine of the story Dorothy Manners. The action takes place during the years 1752 and 1782 and moves back and forth between the old cavalier colony with its gay Annapolis and lordly country life and the London of Horace Walpole and George Selwyn. The size of the canvas and breadth of treatment in this novel point to the fulfillment of the promise which many saw in *The Celebrity*, Mr. Churchill's first work. *Richard Carvel* will be a book of some five hundred pages, and will have about eight full-page drawings by Malcolm Fraser.

THE recent announcement by the Macmillan Company that they have arranged with Mr. Hamlin Garland to bring out a revised edition of *The Rose of Dutcher's Coolly*, *Main Travelled Roads*, and *Prairie Folks*, together with his new book *The Trail of the Gold Seekers*, may be taken as an indication that he is to be reckoned



with as a permanent force in literature. The title of *The Rose of Dutcher's Coolly* carries us back to the old French voyager and to the brave old Jesuit priests and early trappers. The word Coulie, or Coolly, as it is often spelled, is no more than a corrupted form of the French word *coulé*. The word is used from the upper Mississippi to the Cascade range of Washington and Oregon; it means a little valley scooped out by the action of water.

THE spring announcement of Messrs. Dodd, Mead & Co. includes a long list of interesting publications. The firm will issue *The Enchanted Stone*, by Lewis Hind; *The Silver Cross*, a new novel by S. R. Keightley; *The Fowler*, Beatrice Harraden's new novel; Max Pemberton's new story, *The Garden of Swords*; a new edition of *Rabbi Saunderson*, by Ian Mac-laren; *Far Above Rubies*, by George Macdonald; a biography, *Marysienka*, by K. Waliszewski; a *Life of Dr. R. W. Dale*, by his son; *The European Tour*, by Grant Allen; *The Gambling World*, by "Rouge et Noir;" *The New England Primer*, by Paul Leicester Ford; *The Restored Innocence*, by R. J. Campbell, a new issue in the series of "Little Books on Religion;" *The Commandments of Jesus*, by R. F. Horton; and a new volume of poems by Dora Sigerson (Mrs. Clement K. Shorter) entitled *My Lady's Slipper*.

PARKER AND HASWELL'S *Manual of Zoölogy* has been edited and adapted for use in the United States and Canada by A. S. Packard, Professor of Zoölogy and Geology at Brown University, and author of *A Text-book of Entomology*.

This American edition of Parker and Haswell's useful and concise *Manual of Zoölogy* has been adapted for use in schools in the United and Canada. Common American forms closely similar to the European or Australian have been mentioned, so that the student can use the book in examining the typical forms from his own country. In the majority of cases the European species differ only in trivial characteristics, so that one general description will answer for both. A few additional American animals have been referred to and figured, while a few cuts have been copied from Parker and Haswell's *Text-book of Zoölogy* and also from Sedgwick's *Text-book of Zoölogy*.

MR. ERNEST SETON THOMPSON'S book *Wild Animals I Have Known* is winning a constantly increasing popularity. It is interesting to know that, though the author has passed a large part of his life on the American continent, he is an Englishman by birth. He was born in the early sixties, and left England in 1882 with his brother to live in the plains of the Assiniboine in an endeavor to gain robust health. This fascinating out-of-door life continued for many years, during which he published *The Birds of Manitoba* and *The Mammals of Manitoba* and secured the appointment of government naturalist to that province. He then came to New York, and afterward went abroad to study in London and Paris for a few years. He has done work of importance not only as naturalist, but as an artist. He has had pictures in the Paris Salon, and his bird drawings are conceded by competent critics to be among the finest ever done in America. Mr. Thompson now lives in New York during the winter, but every spring he goes to the Far West and into the woods to follow his favorite pursuit of woodcraft.

Houghton, Mifflin & Co.'s spring list embraces *James Russell Lowell and His Friends*, by Edward Everett Hale, profusely illustrated; a *Life of Edwin M. Stanton*, by George C. Gorham, in two volumes; *Thaddeus Stevens*, by Samuel W. McCall; *Charlotte Cushman: Her Letters and Memories of Her Life*, by Emma Stebbins; *The Life and Work of Thomas Dudley, Second Governor of Massachusetts*, by Augustine Jones; *The End of an Era*, by John S. Wise, son of the late Gov. Henry A. Wise, of Virginia; *England and America after Independence, 1783-1892*, by Edward Smith; *Letters of Carlyle to His Younger Sister*, edited by Charles T. Copeland; *The Conjure Woman*, by Charles W. Chesnutt; *Under the Beech Tree*, poems, by Arlo Bates; *Hermione and Other Poems*, by the late Edward Rowland Sill; *The Throne-Makers—Bismarck, Napoleon III., Kossuth and Garibaldi*—by William Roscoe Thayer; *Through Nature to God*, by John Fiske; *Psychology and Life*, by Hugo Münsterberg; *The Antigone of Sophocles*, translated into English by Professor George H. Palmer, of Harvard, and *Corn Plants*, by Frederick Le Roy Sargent.

*Impaired Eyesight; its Improvement by Glasses* is the title of a book which should prove of interest to many besides medical men. Its author is D. B. St. John Roosa, M.D., LL.D., Professor Emeritus of Diseases of the Eye and Ear at the New York Post Graduate Medical School and Hospital, and Surgeon to the Manhattan Eye and Ear Hospital.

Dr. St. John Roosa has revised and very carefully enlarged the first edition of this work, which was published under the title *The Determination of the Necessity for Wearing Glasses*, so as to make it a complete manual for the student and practitioner. The treatise takes up all conditions requiring the use of glasses, and indicates in the most careful manner the rules for prescribing them. It contains six chapters, and will be illustrated, so that a perfect understanding of the text is made easy. The revolution which has been produced in modern ophthalmic practice by the invention of a practical and exact instrument for measuring the radius of the cornea is fully dwelt upon. The work is not too technical for the comprehension of every well educated man.

CHARLES SCRIBNER'S SONS have just ready two works on modern music by two well-known musical critics: *The Orchestra and Orchestral Music*, by W. J. Henderson, the first volume of "The Music Lovers' Library," puts before the reader a description of each instrument in the orchestra, with an illustration which will enable him to identify its tone when next heard in the passage quoted, and gives historical information about orchestras, written within the comprehension of amateurs; and *Mezzotints in Modern Music*, by James Huneker, contains dissertations on Brahms, Chopin, Liszt, Wagner, Strauss and Tchaikowsky. Other books just issued are *The Fourteenth Century*, by F. J. Snell, the latest volume in "Periods of European Literature," edited by Saintsbury; *The Epistle to the Hebrews*, an exegetical study, by Alexander Balmain Bruce; and *Samuel*, by Henry Preserved Smith, in "The International Critical Commentary; Max Müller's *Life of Rāmākrishna*, a mysterious Indian ascetic, who lived from 1833 to 1886; and three of George Cable's short stories (*The Solitary*, *The Taxidermist* and *The Entomologist*), which are published under the title "Strong Hearts."

*Irrigation and Drainage* is the title of an illustrated work by F. H. King, Professor of Agricultural Physics in the University of Wisconsin, which will be of some interest to agriculturalists. There is no practical book, accessible to American readers, on the principles of irrigation. The practice of irrigation is usually associated with arid regions only, but it needs to be first considered with reference to its effects on the plant and the soil and the climate. The book is not treated by an advocate, but by a student—one who is more interested in discussions of principles and reasons than of particular systems. However, having once considered the fundamentals, the author then proceeds to the details of practice. Irrigation for the East is discussed, as well as that for the West. Professor King has travelled in the Old World and in our own arid regions to study these questions. Drainage is taken up in the same spirit; and the book will be a compact handbook of these subjects. The illustrations will be very carefully drawn under the personal supervision of L. H. Bailey, Professor of Horticulture in Cornell University, who is the editor of "The Rural Science Series" to which this volume belongs.

THE MACMILLAN COMPANY will publish shortly *The Distribution of Wealth* by John B. Clark, Professor of Political Economy, Columbia University, author of *The Philosophy of Wealth*, etc.

The work is an attempt to prove that the division of the product created by organized industry is controlled by natural laws; and that, in so far as these laws work in an undisturbed way, each agent of production gets, as an income, the amount of wealth that it contributes to the joint product.

In demonstrating this fact the work considerably extends the theory of value, analyzes the function of capital, and makes a needed distinction between a permanent fund of productive wealth, which is capital in the sense in which the term is used in business, and capital goods, or perishable instruments of production, which are capital in the sense in which the term is often used by economists. It reveals the nature of those influences which cause actual wages and interest to vary from the theoretical standards, and it also shows how the theoretical standards themselves change in a progres-

sive society. It shows what in Picardian studies have been called "natural" standards are really static standards, and it reveals the extent to which they dominate distribution, even in a highly progressive society.

*The Short Line War*, by Merwin-Webster is the title of a novel to be published in May by The Macmillan Company. The book tells the story of an attempt by the "C. & S. C." Ry., a trunk line from Chicago to the West, to seize illegally the "M. & T." (the short line), an important "feeder" to the larger road. The President of the M. & T. is James Weeks, a typical product of the Middle West, who devotes all the energy and resource of his rugged character to the defence of the Short Line. His life is pictured with emphasis upon its blending of success and pathos. The manipulation of stocks, legal deadlocks, and an attempt to take forcible possession of the road with the resulting defence go to make up the plot. The climax involves intervention by the Governor of the State, who places the road under military control. At the time of greatest confusion Weeks saves the road by an exhibition of strategy to which his lieutenants contribute.

The personal interest of the story is woven about the characters of "Jim" Weeks, Harvey West, his private secretary, Porter, the "C. & S. C." Vice President, a promotor named McNally, and Porter's daughter, Katherine, who plays an important part. Her love for Harvey West, the young man who aids in the defeat of her father, prompts her to action which has a direct bearing upon the outcome of the story.

*Old Cambridge*, by Thomas Wentworth Higginson is now in the press for early publication by THE MACMILLAN COMPANY. It is the first volume of a series of National Studies in American Letters of which Professor George Edward Woodberry, of Columbia University, is the general editor. The other volumes now in preparation are *The American Historical Novel*, by Paul Leicester Ford; *The Knickerbockers*, by the Rev. Henry Van Dyke, D.D.; *Southern Humorists*, by John Kendrick Bangs. *Brook Farm*, by Lindsay Swift; *The Clergy in American Life and Letters*, by the Rev. Daniel Dulaney Addison. *The*

*Flower of Essex*, by George Edward Woodberry.

The object of this series of Studies in American Letters since the Revolution is to present the history and development of our literature during its first century in a form sufficiently various and many sided to comprehend its many phases and their particular relation to historical movements, social conditions, localities, differences of origin, temperament and environment, and in general its whole breadth and copiousness; and to do this in such a way as to make the entire series a complete view that may be valuable both for itself now and as a permanent record of the century. The topics will not be confined to any one kind, and are illustrated by the above mentioned volumes, several of which are nearly ready. The project is thus in fact a comprehensive history furnished in a series of comparatively brief studies of its individual elements for the purpose of giving to our literature as a national expression a more just importance and truer perspective than it yet presents in popular knowledge.

THE Macmillan Company will publish immediately a paper-covered edition of *The Choir Invisible* consisting of fifty thousand copies. This means that nearly two hundred thousand copies of this popular novel will have been sold before the new book which Mr. Allen is now writing will have left the press in the autumn. The title of Mr. Allen's forthcoming novel is *The Mettle of the Pasture*. Shakespeare lovers will remember the stirring lines in *Henry the Fifth*, in which the phrase occurs:

And you, good yeomen,  
Whose limbs were made in England, show us  
here  
*The mettle of your pasture*: let us swear  
That you are worth your breeding; which I  
doubt not;  
For there is none of you so mean and base,  
That hath not noble lustre in your eyes.  
I see you stand like greyhounds in the slips,  
Straining upon the start. The game's afoot:  
Follow your spirit, and upon this charge  
Cry "God for Harry, England, and Saint  
George!"

Not only the suggestive words which form the title of the new work, but the spirit of the whole passage, is peculiarly characteristic of the life and action treated therein. The sturdy yeomen of old Eng-

land, who bred a new race on the soil of Virginia, and whose noble lustre and virile force descended to yeomens sons in Kentucky, have yielded pasture for the novelist who, in the line of descent and with the power of imagination, is the most capable of trying their mettle. *The Mettle of the Pasture* is to be a novel of Kentucky life—the largest and the most important work that its author has yet written—and this is to say that with all its deep seriousness it will partake of the sunny humor of the warm South. Mr. Allen expects to have the work ready for publication in the autumn.—*Bookman*.

MESSRS. HENRY HOLT & Co's spring announcements include: *Daniels' Elements of Finance*, by Professor Wm. M. Daniels, of Princeton; *Seignobos's Political History of Contemporary Europe*, 1814–1896, translated from the French under the supervision of Professor Silas M. Macvane, of Harvard, who has edited the work for American students; *James's Talks to Teachers*, by Professor Wm. James, of Harvard; *Walker's Economics*, being the papers of the late General Francis A. Walker, on Finance, Taxation, Money, Bi-metallism, Economic Theory, Statistics, National Growth, Social Economics, etc., edited by his friend, Professor Davis R. Dewey, of the Massachusetts Institute of Technology; *Selections from Byron's Poems*, edited by Dr. F. I. Carpenter, of the University of Chicago; *Milton's Minor English Poems*, edited by Professor M. W. Sampson, of the University of Indiana; *Goldsmith's Traveler and Deserted Village*, edited by Wm. Vaughn Moody, Instructor in the University of Chicago; *Selections from Lamb*, edited by Professor Robert Herrick, of the University of Chicago; *Selections from DeQuincey's Essays*, edited by Professor R. H. Butler, of Boston University; *Britton and Brown's Manual of the Botany of the Northern United States and Canada*, by Professor N. L. Britton, of Columbia, and Addison Brown, President of the Torrey Botanical Club; *Holden's Elementary Astronomy*, by Edward S. Holden, formerly Director of the Lick Observatory; *Rostand's Cyrano de Bergerac*, edited by Professor L. Oscar Kuhns; *Erickmann Chabrian: Contes Fantastiques*, edited by Professor E. S. Joynes; *Zola's L'Attaque du Moulin and other Representative Selections*, au-

thorized edition, edited by Professor Arnold G. Cameron, of Princeton; *Ramsey's Elementary Spanish Text-Book*, by Professor M. M. Ramsay, of the Columbian University, author of *A Text-Book of Modern Spanish*; *Wenckebach's German Composition*, by Professor Carla Wenckebach, of Wellesley, author of *Deutsche Sprachlere; Aus Deutschen Meisterwerken*, being the stories of Parsifal, Gudrun, Lohengrin, Die Niebelungen, and Tristan and Isolde, retold in easy German by Simon M. Stern.

*The Teacher's Professional Library* is the title of a series of books announced by The Macmillan Company under the general editorship of Professor Nicholas Murray Butler, of Columbia University. The contributors to this series will be leading teachers and students of education in Europe as well as in the United States. Each volume will apply the results of the latest scholarship and the widest experience to some phase of educational thought or activity. Each subject will be treated in untechnical language, and the series is intended to form a practical reference library of text-books in professional study, the price of which will be within everyone's reach. Some idea of the scope of the series may be gained from the following titles of the books with which it will open:

*The Practical Lessons of History*, by William T. Harris, LL.D., United States Commissioner of Education. *Social Phases of Education in the Home and in the School*, by Samuel T. Dutton, A.M., Superintendent of Schools, Brookline, Mass. *Educational Aims and Educational values*, by Paul H. Hanus, Ph.D., Assistant Professor of the History and Art of Teaching in Harvard University. *The Hygiene of the School and of Instruction*, by Edward R. Shaw, Ph.D., Dean of the School of Pedagogy, New York University. *Method in Education*, by Walter L. Hervey, Ph.D., Member of the Board of Examiners, Department of Education, New York City. *The Study and Teaching of History*, by Miss Lucy M. Salmon, Professor of History in Vassar College. *The Study and Teaching of Geography*, by Jacques W. Redway, Ph.D., of New York. *The Study and Teaching of English*, by Percival Chubb, of the Ethical Culture Schools, New York. *The Study*

and *Teaching of Mathematics*, by David Eugene Smith, Ph.D., Principal of the State Normal School, Brockport, N. Y.

The three volumes already published are: *The Development of the Child*, by Nathan Oppenheim, M.D., of New York;

*The Study of Children and their School Training*, by Francis Warner, M.D., of London, England; *Handbook of Nature Study*, by O. Lange, Instructor in the High School, St. Paul, Minn.

## Reviews.

### GENERAL LITERATURE.

*Zoroaster. The Prophet of Ancient Iran.* By A. V. Williams Jackson, Professor of Indo Iranian Languages in Columbia University. The Macmillan Company.

This work on Zoroaster is an expression of the vigorous learning now being cultivated in the larger American universities, and it is, indeed, a monument of exact research. It opens with a list of works on the subject, then contains an account of the life of the great Persian sage, and in a series of appendices discusses with ripe scholarship many of the disputed points about Zoroaster, such as his name, his date, his native place, the scene of his ministry, and the numerous allusions to him in various literatures. There can be no doubt that, from the point of view of biography, this must be now regarded as the authoritative work on Zoroaster; and every student of the history of religions will be thankful to Professor Jackson for his learned and masterly work. In one important respect, however, this book is deficient. There is no critical account of the actual content of the religion imposed on Persia by Zoroaster. We are told of all the known events of the life of the Iran sage, we are told of his revelations, of his preachings, of his alleged miracles, but we are not told what the religion of Zoroaster was, what was the basis of its philosophy, what was its conception of the spiritual principle, how the ideas of Zoroaster differed from the religion which had been accepted, and what ethical changes it manifestly produced in the lives of its converts. Scholarship rather than philosophy is evidently the author's forte, and the reader who wishes to know what is the ethical and spiritual significance of Zoroastrianism must go to the works of Tiele and Darmesteter for that side. In Professor Jackson's work he will find what is known of Zoroaster's life. *The Spectator*.

*Early Italian Love Stories.* Translated by Una Taylor. Longmans Green & Co.

As a gift book for grown people it would be hard to imagine anything more attractive than the volume of 'Early Italian Love Stories' just issued by Longmans, Green & Co. It contains twelve *novelle*, translated by Una Taylor,

and adorned with thirteen beautiful full-page illustrations by Henry J. Ford. The "early" of the title should not be interpreted too literally, as half of the stories belong to the sixteenth century. The authors represented are Boccaccio, Giovanni Fiorentino, Masuccio, Cintio, Erizzo, Straparola, and Bandello. None of the tales selected are gay, and most of them end tragically. Giovanni Fiorentino contributes the famous narrative of the Lady of Belmonte. The translation, while very free, preserves, without the use of tiresome archaisms, much of the antique flavor of the originals. The peculiar charm of these tales can hardly fail to awaken in the reader a feeling of regret that the *novelle*—one of the most characteristic manifestations of the Italian genius—is so little studied and so little accessible.—*Nation*.

*The Student's Life of Jesus.* By G. H. Gilbert, D.D. The Macmillan Company.

Acuteness, candor and conspicuous fidelity to its purpose are the notable characteristics of this volume, by Professor G. H. Gilbert, of Chicago Seminary. It does not undertake to set forth the teaching of our Lord directly or prominently, but only to narrate the events of his earthly life in their true order and relations. And it aims to do this primarily for students. Therefore its work is historical and critical. Its claim to be scientific in method is fully justified. It is thoroughly modern in spirit and manner, although it makes few concessions to the claims of the later radical criticism.

The introduction is a careful study of the gospels, the sources of our knowledge about the life of Jesus. The conscientiousness with which objections to their trustworthiness and other difficulties are stated and discussed gives the reader confidence in the author's good sense and fairness, and strengthens the conviction of the trustworthiness of the conclusions reached. Such a subject, for instance, as the supernatural conception of Jesus, to which the first chapter of the body of the volume is devoted, is treated with sound wisdom. The author accepts and defends the doctrine, but not with the least lack of appreciation of the difficulties involved. In-

deed, he is likely to be regarded by some as too cautious in his claims.

The balance of the book, sixteen chapters, embodies the biography itself. Conflicting accounts of the same matters are compared, the order of events is indicated, and the progressive development of our Lord's own consciousness of his mission is well portrayed. Whether the transfiguration and the resurrection were visions or objective realities and similar questions are discussed with a clearness, completeness, and judicial calmness which all scholars must admire.

The work is admirably adapted to its end, the use of students. But it well may be circulated among others, for its scholarship does not interfere with its serviceableness. Any ordinarily intelligent layman will like it, and it will be a useful book in the Sunday school library, although it is not in the ordinary narrative form. —*Congregationalist*.

*A History of English Romanticism in the Eighteenth Century.* By Henry A. Beers. Henry Holt & Co.

Professor Beers is always an interesting writer, and his latest volume is a thoroughly readable collection of essays on eighteenth century literature. We call it a collection of essays, for, in spite of the unity implied in the title, the effect of the book on the reader is rather that of a series of studies than of an organic history of the subject. The author conceives "Romanticism" in the stricter sense as "the mediæval revival," and to this he confines his attention, with the result of making his work more valuable, perhaps, as a description of materia's, but less so as a philosophical account of movements and forces. Such an account could be given only by considering also the general reaction against the spirit of the eighteenth century which for most of us is summed up, vaguely, perhaps, and inaccurately, but conveniently, in the phrase "the Romantic Movement." To most of us, therefore, it will be somewhat disconcerting to read a history of English Romanticism in the eighteenth century and find in it no consideration of Burns or Blake or Cowper. Still, Professor Beers is quite within his rights, and we shall not further quarrel with him on the score of his self imposed limitations. The author commands most, but not all, of the materials of previous workers in the field, from much of which he generously quotes; and he has new material of his own to present. He is felicitous in the use of illustrative matter and of literary gossip.

The work as a whole may be commended as an excellent popular treatment of the special subject of the literary revival of mediævalism in the eighteenth century in England.—*Nation*.

*Sketch of the Evolution of our Native Fruits.* By L. H. Bailey. Illustrated. The Macmillan Company.

The main purpose of this book is to give illus-

trations of the progress made in the development of the edible fruits of North America from their wild progenitors. This is what our fathers would have said; nowadays we express the same meaning in different words, and, as Professor Bailey writes, we "attempt to expound the progress of evolution in objects which are familiar, and which have not yet been greatly modified by man."

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On all grounds then, scientific, taxonomic or economic, the study of these variations assumes such great importance that naturalists have cause to be grateful to Professor Bailey for the suggestive book that he has put at their disposal.

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Whatever be their needs or their predilections, naturalists will find Professor Bailey's book a most valuable addition to their bookshelves.—*Nature*.

*Friendly Visiting Among the Poor.* By Mary E. Richmond, General Secretary of the Charity Organization Society, Baltimore. The Macmillan Company.

*Friendly Visiting Among the Poor* is an unpretentious but singularly sensible and useful "handbook for charity workers," and all other good citizens, by Mary E. Richmond, General Secretary of the Charity Organization Society of Baltimore. Every page of the little book makes the impression that the writer knows what she is talking about, and that, thanks to varied and abundant experience, this knowledge has grown into wisdom. It is a study of persons, social facts, and conditions, as full of good sense as of benevolence. It is exactly the kind of sense which needs to become common-sense. And the single purpose of the several studies or talks here brought together is to make such sense to be as common as possible. The subject is studied under the several divisions of the breadwinner, the breadwinner at home, the homemaker, the children, health, spending and saving, recreation, relief, the church, and the friendly visitor. In connection with each topic there is given a list of "collateral readings"—books, articles, and addresses or papers, many of which are to be found in the published proceedings of national and other charity conferences.—*Chicago Tribune*.

*Development of Thrift.* By Mary Willcox Brown, General Secretary H. Watson Children's Aid Society, Baltimore. The Macmillan Company.

Miss Mary Willcox Brown, General Secretary of the Henry Watson Children's Aid Society of Baltimore, is the author of a thoughtful and practical treatise on *The Development of Thrift*, published in an attractive little volume by the Macmillan Company. Miss Brown has a thorough knowledge of the subject which she discusses and of which she writes with singular

force and clearness. She modestly expresses the hope that in the pages of her book "workers in charitable societies and social settlements who are trying to build up the character of the poor by teaching them how to be independent \* \* \* will find many helpful suggestions." Not only the "workers in charitable societies," but the general reader as well, will be edified by Miss Brown's book, and it is difficult to conceive how the subject could have been treated more comprehensively and yet with such admirable compactness and such fertility of "helpful suggestions." The book contains nine chapters on "The Thrift Habit," "Thrift in the Family," "Individualistic Savings Agencies," "Co-operative Savings and Building Loan Associations," "People's Banks," "Provident Loan Associations," "Insurance," "English Friendly Societies" and "Concluding Remarks." From beginning to conclusion the volume is not only instructive but entertaining as well, and Miss Brown has marshaled her facts so successfully that every reader will be enlightened. The progress of the movement to ameliorate the condition of the poor, to make the wage-earner independent by habits of thrift, so that he may live comfortably in the present as well as store up something for the "rainy days" of the future, is interestingly described in Miss Brown's volume. It will be a revelation to the general reader to learn how many agencies are at work to produce these beneficent results, and the author's presentation of this phase of her subject is exhaustive and all that could be desired.

—*Baltimore Sun.*

*The Life and Letters of Lewis Carroll.* By Stuart Dodgson Collingwood. The Century Company.

Lewis Carroll (the Rev. C. L. Dodgson) whose "Alice in Wonderland," much to his own surprise, won for his pen name a place in England's literary annals such as few writers in our century have attained, was a man who shunned the publicity that usually accompanies successful authorship. It seems almost incredible (especially here in America) that one could so fascinate by the charm of his writings the reading public of his time, could enjoy in so large a measure the personal friendship of celebrities, and yet could remain to the mass of those who read and enjoyed his books so little known. Much of the mystery in Lewis Carroll's life is cleared up by his nephew's extremely interesting memoir, just published in this country by the Century Company. His letters are themselves a revelation of the man. Many of these were addressed to children, and all children—and grown people as well—will find them highly entertaining. It will always be a source of gratification to Lewis Carroll's admirers, young and old, that he kept a copy of each letter he wrote and filed all that came to him. This body of correspondence is something unique in literature. The illustrations of the volumes are especially in-

teresting. Many of them are photographs taken by Lewis Carroll himself; these include portraits of Tennyson, Ruskin, Tom Taylor, George MacDonald, Ellen Terry, Sir John Millais, and other friends. There are also early drawings and sketches of a curious interest and photographs of Carroll at different ages.—*Review of Reviews.*

*Heroes of the Middle West. The French.* By Mary Hartwell Catherwood. Ginn & Co.

Mrs. Catherwood has undertaken to write a series of sketches of the *Heroes of the Middle West*. The first volume is devoted to the story of French discovery. Most of the book is taken up with accounts of the explorations of Marquette, Jolliet, La Salle and others; but the last chapter tells the story of "The Last Great Indian"—Pontiac, whose achievements have been so graphically portrayed by Francis Parkman. Mrs. Catherwood has prepared her picture of early French and Indian life "for young minds accustomed only to the modern aspect of things," but we are sure that among older people her little book will find many appreciative readers. The materials, of course, have been gathered from such sources as Parkman, Shea, Hennepin, Windsor, Roosevelt, and many other well known authorities, besides public records and local traditions. To the modern dwellers in the great region of the Middle West the book will have a special interest.—*Review of Reviews.*

*America in Hawaii. A History of United States Influence in the Hawaiian Islands.* By Edmund James Carpenter. Small, Maynard & Co.

This is, we should say, as cool, careful and unprejudiced an account of the connection of this country with Hawaii and of the annexation history as can be expected at the present time. The author does not conceal his own sympathies as an annexationist, but he states the facts coldly, badly, and leaves them to produce their impression. \* \* \* The cold facts of the case are all in this statement of the case. Subsequent events as described do not affect the right and wrong of the case very much. It was a situation in which the white residents, owners of property in the island and controllers of its industries, affairs and civilization generally, felt that they and the interests they represented were to be abandoned to a native rule, with a vast capacity in it for wrecking everything. The only difficulty in this argument is to put it so that it will not work just as well for the theory of "white man government" in the South against the negroes as in Hawaii against the natives. Mr. Carpenter tells the story fully and fairly, in calm confidence that the facts can be trusted to vindicate the annexation movement.—*Independent.*

*Three Studies in Literature.* By Lewis Edwards Gates, Professor of English at Harvard. The Macmillan Company.

Professor Gates has contributed three remarkable criticisms on Jeffrey, Newman and Arnold to the small library of judicial literature. They were prepared as introductory essays to selections from the works of these authors, but they are quite worthy of this form of presentation and are as entertaining as they are valuable. His account of Jeffrey's great reputation, involving the history of the origin of the Edinburgh Review and an analysis of his methods, is a bit of extraordinary insight, and the explanation of the oblivion into which the great critic has fallen is logical and ingenious.

The essay on "Newman" is one of the nicest appreciations of this unique author which has ever been made. "Logical strenuousness with the grace and ease and charm of a colloquial manner and idiom."

As a great Romantic writer Newman is classed with Ruskin, De Quincey and Carlyle "in glowing beauty," picture making power, imaginative splendor and elaborate swelling music." No prose can more surely send quivering over the nerves such a sense of the shadowing mystery of life than many a passage of Newman's essays or his Apologia.

Professor Gates commences his essay on Matthew Arnold by the happy conceit of illustrating the quality of his style, which somehow excites a certain prejudice with Emerson's observation that fate plays a man an unkind trick when it gives him a strut in his gait! But the author does not fail to do large justice to the great claims which Arnold has to permanent gratitude and honor.

Professor Gates's book is one to be owned and handled by lovers of literary appreciation; not merely read in libraries.—*Boston Transcript.*

*A Short History of the Saracens.* By Ameer Ali Syed. The Macmillan Company.

A work of fresh and varied interest comes from the pen of a Mohammedan scholar and jurist, Ameer Ali Syed, M.A.C.I.E., Judge of the High Court of Judicature at Fort William in Bengal. His *Short History of the Saracens* is a concise account of the rise and decline of the Saracenic power, and of the economic, social, and intellectual development of the Arab nation. Although the author's claim that we owe to the Arabs the invention of the mariner's compass and the telescope is quite unenforceable, we owe them for the intellectual quickening which they imparted to mediæval Europe enough to bind us to grateful remembrance of them. What Cordova was in the tenth century as a center of culture, art, and commerce far surpasses any achievement of Christian Spain. What Mohammed-

anism is capable of is better exhibited in the empire of the Saracens than in that of their successors, the Turks. The little which the ordinary reader knows of it is limited to its career of conquest from the Persian Gulf to the Atlantic. The larger interest of Ameer Ali's work lies in his account of the civilization developed by that brilliant race of whom he writes with the sympathy of a coreligionist, while impartially recognizing the faults through which it fell.—*Outlook.*

*Volcanoes, Their Structure and Significance.*

By T. G. Bonney, D.Sc., LL.D., F.R.S., Professor of Geology, University College, London. G. P. Putnam's Sons.

This volume belongs in Putnam's "Science Series," edited by Professors Cattell and Beddard. It is a very rich and valuable number, with a full series of explanatory illustrations. It begins with a chapter on the "Life History of Volcanoes," and follows with others on their products, the direction of volcanoes, their geologic history and distribution, and finally the theory of their formation and action. It is hardly necessary to add that Professor Bonney rejects the chemical theory as an explanation of volcanic heat. He rejects also Mr. Mallet's theory of heat produced by the crushing effect of pressure. The theory on which he falls back is that which has prevailed among geologists, of heat produced by strain of the tightening of the earth's layers as they cool and contract. We cannot discuss here the strictly scientific line of reasoning by which the theory is tested, and its application to the facts shown. The volume makes an excellent manual and, with very few exceptions, is fully intelligible to general readers.—*Independent.*

*Principles and Methods of Literary Criticism.*

By Lorenzo Sears, Litt. D., of Brown University. G. P. Putnam's Sons.

Professor Sears's book is a series of twenty chapters on the art and function of criticism. It is a criticism of criticism, and the present reviewer contributes the third stage in this house that Jack built when he, in turn, criticises the volume. The task is a pleasant one. Professor Sears is a gentleman of clear and decidedly sound views, and is master of a very agreeable style. His terse, epigrammatic sentences commend themselves to the student because they embody much useful information in very few words, easily remembered. A delicate sarcasm tinges many of the pages and adds a flavor of piquancy to the whole like anchovies in the sauce. Throughout the work there is a suggestion of reserve force—of a depth and breadth of cultivation in matters literary—which is as delightful as it is unusual.

The work is a discussion of the methods, motives and kinds of literary criticism. The author points out the uses and abuses of each, and to this end he classifies his twenty chapters



under four general heads: General features of criticism (five chapters), common forms of criticism (four chapters), higher methods of criticism (four chapters), values of criticism (seven chapters).

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The student will find valuable suggestions throughout the work; the general reader will find helpful hints from, it and the critic will learn to know his defects more clearly by giving an hour to the perusal of its pages.—*Commercial Advertiser*, New York.

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*Camping and Tramping in Malaya: Fifteen Years' Pioneering in the Native States of the Malay Peninsula.* By Ambrose B Rathborne. The Macmillan Company. With illustrations.

Twenty years ago the small native states on the south-western coast of the Malay peninsula had but recently come under British protection. The land was undeveloped, covered with forest and jungle, roadless, and sparsely inhabited by semi savages, pirates, and slave dealers. A few Englishmen were among them, some restraining and guiding the native rajahs, administering justice.

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This record of one Englishman's part in the development of a tropical country is full of lessons for us, now that we have assumed the sovereignty over islands similar in climate, natural features, and people to Malaya. It was not an easy task to teach these Malays the art of coffee cultivation, nor to search out in forests and swamps the best routes between the coast and the interior, and then to build the roads essential to the prosperity of the land. It was a life of constant toil and privation, of long periods of isolation from all companionship save that of natives, of dangers innumerable from man and beast, to which one must show apparent indifference if he is to gain the respect of his men.

"I never, during all my travels," says our author, "carried a weapon of any sort other than a chopper-knife."

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It only remains to add that the attractiveness of this interesting and suggestive volume is increased by some excellent reproductions of photographs of characteristic scenes.—*The Nation*.

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*The Politician's Handbook.* By Mr. H. Whates. London, Vacher and Sons.

This is not what an American would expect under this title. It contains no list of "places" to apply for, no rules how to ingratiate one's self with the boss. The "politician" meant by the handbook is the old-fashioned kind who wants to inform himself about politics, also of the old-fashioned kind. We, therefore, find in it a full digest of diplomatic correspondence, summaries of the reports of royal commissions and select committees, details of treaties and consu-

lar reports, etc., all arranged alphabetically in two sections, one political and one commercial, with abundant cross-references. Primarily designed for English use, this handbook yields such a convenient conspectus of the year's changes in Asia and Africa that any newspaper office or library might find it a boon for ready reference.—*Nation*.

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*The Story of Old Fort London.* By Charles Egbert Craddock. The Macmillan Company.

A wiser choice than Charles Egbert Craddock for the telling of the pioneer story of Tennessee in the series of "Stories from American History," of which Frank Stockton's "Buccaneers and Pirates," and Grace King's "De Soto in the Land of Florida" are among the recent issues, could not have been made. Miss Murfree's gift of natural description is always the same surprising talent, and in *The Story of Old Fort London* (Macmillan), even though the remoteness of the period calls more or less directly upon her imagination, she finds plenty of opportunity for those brilliant word pictures which always impress her readers. The story opens some twenty years before the Revolution, and in place of Miss Murfree's usual characters, we have Indians, officers, soldiers and the inmates of the luckless garrison. The reader immediately becomes interested in the moving characters and the beleaguered fort, and follows attentively the negotiations with the Cherokees, all the horrors of the Cherokee uprising, for Indians play a large part in the unfolding of the narrative; the unfortunate surrender and the return to the fort, after the evacuation and massacre, of the remaining captives and their commander with the Indians.

The story is a strong play of the imagination, which impresses one with its historical accuracy, and clings to the memory like a living experience. Miss Murfree is so well versed in the lore of old Tennessee that she has been able to write a picturesque novel that might well stand as a model for the historical romance. In all her dealings with the Indians she writes more favorably of the aborigines and the early English officers than most chroniclers of American history, and her sympathetic expression shows a definite knowledge of her subject. Then, again, the story abounds with that local color which has always been one of the rare charms of her sketches of the mountaineers and "moonshiners."—*Boston Herald*.

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*The Last Link.* Our present knowledge of the Descent of Man. By Ernst Haeckel. With Notes and Biographical Sketches by Hans Gadow, F.R.S. The Macmillan Company. Illustrated.

The renowned Jena professor was a great white light among the luminaries of the Fourth International Congress of Zoölogy at Cambridge last August, and this book consists

mainly of the address which he delivered on the 26th, on our present knowledge of the descent of man. This confession of faith of a man of science sounds no uncertain note; we hear the conclusion of the whole matter as it appears to the lifelong and foremost champion of transformation in Germany, who early made Darwinism his starting point in evolutionary studies, not his goal. The "last link" is what has commonly been called the "missing link" between man and apes, requiring the new name because it is now believed to have been found in *Pithecanthropus erectus*, the semi-simian or semi-human fossil discovered in Java by Dr. Eugène Dubois in 1894. Haeckel had long before proposed the hypothetical genus and species *Pithecanthropus alalus* for some supposed speechless ape-man, and his delight at the discovery of an actual organism answering the requirements of this genus may be imagined. His italicised pronouncement is now: "The descent of man from an extinct Tertiary series of Primates is not a vague hypothesis, but an historical fact" (p. 76). The address hits off the whole subject of evolution "from moner to man" in a free-handed, masterly manner, with technical precision where possible, elsewhere with glittering generalities, as in attempts to compute chronology of 5,375,000 generations of animals from Laurentian times to Adam and Eve. The address will be caviare to the general, but any one can appreciate, for example, the neat score made off "Darwin's Point" of the folded rim of the ear. The Greeks were zoologically correct in their representations of the pointed ears of satyrs, and Hawthorne's Donatello, in the "Marble Faun," is a modern instance.

Dr. Gadow supplements the volume with brief portraits of some famous scientists, as Lamarck, Cuvier, Von Baer, Johannes Mueller, Virchow (who is Haeckel's protagonist), Koelliker, Gegenbaur, Cope, and especially Haeckel himself.—*Nation*.

*Sursum Corda*. Anon. The Macmillan Company.

*Sursum Corda*, by an author who very bravely and unflinchingly sets forward the banner of the ideal, deserves the attention of the sincere inquirer after truth. Many there are who do not ask sincerely the questions which are so cavalierly mooted: "Is this outward world the whole world? Is this earthly life the whole of life?" The affirmative is really assumed, if not by their logical faculties, by the practical conduct of life. The emphatic "Yes" of Materialism may have been given by many earnest students whose limitations prevented them from getting beyond the assumption that what is ultimate in analysis is real. But certainly those who deny the truth of Idealism by the mere commonplace subjection to environment and heaviness of mind have seldom taken the trouble to ask themselves whether that which is real is not

rather ultimate in synthesis. The author of *Sursum Corda* starts with the acceptance of the percipient self, the ego, the human personality, and from this, in search for reality, works forward and upward towards the supreme synthesis—the Being of God.

It is a happy book, and he who will surrender himself to its tone of thought will at least thank the reviewer for opening a delightful pathway and giving life and thought a new meaning.—*Boston Transcript*.

*The Shifting and Incidence of Taxation*. By Edwin R. A. Seligman, Professor of Political Economy and Finance, Columbia University. The Macmillan Company.

This work has just passed into a second edition, which has given the author an opportunity to subject the work to a thoroughgoing revision. It is so changed, both in its historical and positive parts, as to be practically a new volume. Among the alterations may be noted the fuller treatment of the early English literature of the subject, the addition of a chapter on the physiocrats, the rewriting of the chapter on the mathematical theory, the closer study of import duties and stamp taxes, and the added index and bibliography. The work is thus made far more valuable than before, and a still greater credit to American scholarship in this difficult field.—*Dial*.

*The Mediæval Empire*. By Herbert Fisher. 2 vols. The Macmillan Company.

This work is not, as the title might suggest, a history of the Holy Roman Empire, nor yet an attempt to trace the development of imperialism, but the author's object is, as he himself says, "to examine the working of the imperial idea during that portion of mediæval history when, having assumed a definite theological shape, it operated as a powerful influence over the destinies of Germany and Italy." His work, therefore, resolves itself into a series of essays, historical, social, legal, economic and ecclesiastical, with the usual complement of tables and maps and an index.

Mr. Fisher first clears the ground by examining the affinities and antagonisms of the four great German races, Saxon, Franconian, Swabian and Bavarian, and the survival in them of the idea of empire that these antagonisms and affinities tended in part to obstruct and in part to further. There is much here that is interesting, and some points of view are novel. We will call attention only to his development of the thesis that "the seeds of the Hapsburg empire with its peculiar non-German and cosmopolitan character are sown far back in the eleventh century in the Saxon revolt under Henry IV.," and again to his proof of the assertion that "the course of events was in the end shaped not so much by racial difficulties in Germany as by the vague and traditional desire for universal empire."

An admirable chapter on "Legislation in Germany" contrasts the conditions with that of England.—*Churchman*.

*Michael Faraday, His Life and Work.* By Silvanus P. Thompson. The Macmillan Company.

There was abundant room for this new life of the great English scientists, and Professor Thompson has given a very clearly written account of Faraday's career, both as a man and as a philosopher. It is not too technical in its language for the average reader, and at the same time is sufficiently so for the requirements of the student. The one thing lacking, as it seems to us, is a brief summary of Faraday's discoveries, for ready reference, and which might have been given on a page of appendix. Few men, few scientists at any rate, have possessed a more lovable, more unselfish nature than Faraday; few have approached their work with a more open mind. As Professor Thompson assures us, he was ready at any moment to relinquish his most cherished convictions up to that time if they stood in the way of his acceptance of a new truth. His relations with the small sect of Scandinavians to which he belonged through life are very carefully discussed by his biographer, as they should be in order to get at the fullest understanding of his character. As we read these pages of Professor Thompson's we cannot help but echo the words of Mr. Cosmo Morehouse in his sonnet on Faraday:

"Was ever man so simple and so sage,  
So crowned and yet so careless of a prize!  
Great Faraday, who made the world so wise.  
And loved the labor better than the wage."  
—*Boston Transcript*.

*The Eversley Shakespeare.* Vol. I. The Macmillan Company.

The Eversley edition of the "Works of Shakespeare," of which the first volume has

just been published, is to be complete in ten volumes and to be edited by Professor C. H. Herford. It is founded upon the text of the Cambridge and Globe editions. The introductions are to contain statements of the literary data of the plays and poems, with suggestions of their relations to the development of Shakespeare's mind and art, while the notes are to provide, in a brief form, such information as a reader needs for a full explanation of the text. The works will be grouped under the historic division of comedies, histories, tragedies and poems. The first volume contains "Love's Labor Lost," the "Comedy of Errors," "Two Gentlemen of Verona" and "A Midsummer Night's Dream." When complete, no edition will more satisfactorily meet the needs of the library and the lover of the poet than the Eversley; an edition to be commended for its size, its weight, its form, its type and its binding.—*Outlook*.

*Foundations of England.* By Sir James H. Ramsay. The Macmillan Company.

A satisfactory review of Sir James H. Ramsay's *Foundations of England* would require a monograph in itself if the points of interest to the eager historical student were to be adequately noted and commented upon. The work is an authoritative narrative, in two large volumes, of the history of England from 55 B. C. to 1154 A. D. It is authoritative in the sense that not a fact is given nor an opinion expressed for which the writer does not cite volume and page of the book or document from which he has drawn his material. The style is in no way remarkable, nor is there any novelty of method to attract the reader of history who looks for striking characterizations; but for reference purposes, for convenience to the student in discovering quickly what the best scholarship has determined in regard to the institutions of any particular period, the work is simply invaluable. It will be a standard work of reference in every college library in the country.—*Dial*.

## EDUCATIONAL.

*Elementary Zoölogy.* By Frank E. Beddard. Longmans, Green & Co.

The *Elementary Zoölogy* of Frank E. Beddard contains an account of a few types selected from the chief groups of the animal kingdom, followed and accompanied by a consideration of some of the more general conclusions of biology. A type system has to be used, but the author has endeavored to obviate the great fault of that method—the liability of the students conceiving that the characters of the species selected for description are distinctive of a wider assemblage of forms—by emphasizing here and there the differences between allied groups. The

question arises whether to begin with the higher forms and go down to the lower, which some authorities believe to be the course easier of comprehension by the student, or to follow the inverse method. The author prefers to begin with the lower forms and gradually work to the higher as the course having the undoubted advantage of presenting the facts in a logical sequence. He accordingly begins with the amoeba and proceeds upward. The treatment is simple and lucid. Novelty has not been sought in the illustrations, though there are several new ones, but selections have been made from the best already drawn.—*Popular Science Monthly*.

*Elements of Sanitary Engineering.* By Mansfield Merriman, Professor of Civil Engineering in Lehigh University. Chapman and Hall.

The author of this book deals with the whole range of sanitary science, including an historical notice of sanitation from the time of the Israelites in Egypt; the classification of diseases and statistics of mortality.

This book, which is written for American students of sanitation, does not contain anything that is not known to sanitary engineers of this country. Naturally, in such a small compass it was not practicable to deal with any of the subjects treated in an exhaustive manner; nor can the work be regarded as a text book, but rather as a well-written and able digest of matters which come within the range of the sanitary engineer.—*Nature*.

*The Discharge of Electricity through Gases.* By J. J. Thompson. New York, Charles Scribner's Sons

It is quite out of the question to call attention in this brief review to the many interesting and important subjects that are discussed throughout the book. The discussion is often brief and lacking in the detail that would be useful to one making a specialty of the subject. But the book is written by one whose own investigations have contributed largely to the development of each of the topics considered, and who is now engaged in further research along the same lines. This fact gives to the treatment a charm impossible of attainment otherwise, and adds to the book a suggestiveness and inspiration which must appeal to all who read it.—*Science*.

*Text-book of Physiology.* Edited by E. A. SCHÄFER, LL.D., F.R.S. Vol I. New York, The Macmillan Company.

This new text-book of physiology follows out the idea of combining under one editorship the writings of different men who treat of the special subjects in physiology with which they have had personal and intimate experience. In the face of the great and ever-widening scope of the science of physiology, no work of general authority can be written in any other manner to-day.

In illustration of this we find in this volume, which covers merely the chemical side of physiology, reference to fully six thousand original articles. The book is highly creditable to the eleven English physiologists who have contributed to it, and it strengthens the general opinion that in physiology the English are second only to the Germans. The Germans, however, have no such comprehensive and thorough reference text-book as this. The work is hardly one for medical students, but is intended for the teacher, for the advanced investigator or for reference in the medical library.—*Science*.

*Laboratory Exercises in Anatomy and Physiology.* By James Edward Peabody, A.M., Instructor in Biology in the High School for Boys and Girls, New York City. Henry Holt & Co.

In view of the large amount of instruction in physiology that is given in secondary schools and the large number of text books that exist, it is surprising how few attempts have been made to treat the subject practically by the preparation of laboratory directions. And the few attempts, although in several cases excellent, are, without exception, inadequate.

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Among the subjects treated are the human and mammalian skeleton, the muscles, the chemical testing of foods, digestion, absorption, the heart, the blood and its circulation, oxidation, respiration, the skin, the kidney, excretion, touch, taste, smell, yeast and bacteria. Directions for the use of the microscope and a list of apparatus and chemicals required for the exercises are added. The book is interleaved with blank pages for notes and is intended to be placed in the hands of the pupil. The latter is given simple directions for experimenting and, instead of being told what to observe, is asked concerning the results that follow. In this respect the book is in accord with the best of the practical guides in other departments of science.—*Science*.

*Industrial Electricity.* Translated and adapted from the French of Henry de Graffigny. Edited by A. G. Elliott, B.Sc. The Macmillan Company. With 65 illustrations.

This little volume, according to the editor's note, is the first of a series upon Electro-mechanics, the other volumes of which will treat the more important of the branches here touched upon, separately and in detail. It is divided into short chapters, and explains in very clear and non-mathematical language, the various applications of electricity. \* \* \* The task of condensing so much in so small a space is, to say the least, herculean.—*Science*.

*Bible Stories.* Children's Number of the Modern Reader's Bible. Edited by Richard G. Moulton. The Macmillan Company.

The first part of the children's number of the Modern Reader's Bible is now complete: *Bible Stories*, edited with introduction and notes by Professor Richard G. Moulton, Ph.D. (The Macmillan Company, 50 cts.) This part comprises stories from the Old Testament of a character to interest children "from an intelligence greater than that of many adults to a child mind that needs to be addressed in a language of its own." Professor Moulton has arranged the volume according to the natural divisions of Bible history: Genesis, the Exodus, the Judges, the Kings and Prophets, the Exile and the Return. (Each of these five parts is bound sepa-

ately and sold at 15 cts.) The more important stories are selected as illustrative of successive periods, while the introduction shows in a very clear way the bearing of each story on the general history. Thus, it is hoped that a fairly complete outline of Old Testament history—supplemented by the most vivid picturing of salient points—will be given the young mind. Professor Moulton most truly argues that these classical stories should have a place in all education. Their literary charm is so great that they bring up the persons and incidents described with "the vividness of present reality; they lend themselves to moral and religious comment, which thus becomes a comment on life itself." It is needless to say that the introduction and notes are admirably adapted to the special class for which they are intended, and, indeed, they make entertaining reading for the most mature mind.—*Churchman*.

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*Outlines of Industrial Chemistry.* A text book for students. By Frank Hall Thorp, Ph.D. The Macmillan Company.

We have long waited for a modern book on this subject which would be strictly scientific, but which would also give in plain, intelligible language the modern processes for making the various chemicals, and information relating to the carrying on of various chemical industries. The need of a thoroughly modern book in English on the subject has been very pronounced, and we are happy to say that at last we have a book which, while possibly not ideal, fills nearly all the conditions of a book of this kind. The author has taken an extremely heterogeneous collection of material and has assorted and combined it with rare judgment. The result is immensely satisfactory. We shall place the book among our standard books of reference.—*Scientific American*.

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*Earth Sculpture, or, The Origin of Land Forms.* By James Geikie. G. P. Putnam's Sons.

Modern physical geography is distinguished from that which prevailed a decade or two ago in that, while the latter contented itself with a simple description of the various forms of the earth's surface

The Messrs. Putnam's new "Science Series" aims to give the important aspects of contemporary science by means of a set of essays by well recognized specialists on the latest and most advanced views in the various departments and divisions of science, for the information not only

of students in other branches, but of the educated classes in general.

\* \* \* \* \*

*Earth Sculpture*, the volume now before us, which treats more exclusively of the geological causes which have produced these forms, is from the pen of the eminent Scotch geologist, James Geikie, best known, perhaps, as the author of *The Great Ice Age*, and brother of Sir Archibald Geikie, the present Director General of the Geological Surveys of Great Britain.

Although belonging to what may now be considered the old school of geologists, Professor Geikie is one who has always realized the importance of connecting deep-seated geological causes with surface phenomena, and is hence well fitted for the task he has undertaken.

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To the general reader the book is a great relief after reading the work of modern geographers, in that the author has avoided the use of their abundant vocabulary of newly coined technical terms, and furthermore that he adds a glossary of the few exceptional words he does use. Further disregard of the more modern views in geology is found in the fact that in his table of geological systems he includes under the Paleozoic system all Pre Cambrian or Archean rocks.—*Nation*.

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*European History: An Outline of its Development.* By George Burton Adams, Professor of History in Yale University. The Macmillan Company.

This seems to us a model text-book, especially for teachers following the modern method. The text is made a basis for expansion into collateral reading, guided by marginal topics and references. The successive chapters are supplemented with specimen topics for assigned studies, which the teacher can readily amplify. Bibliographies, maps, and illustrations complete an apparatus adequate for a two years' course of study. A main point with Professor Adams is to emphasize the continuous movement of history from period to period. This is apparent from a glance at his Table of Contents. The teacher who intelligently appreciates the book will be able to impart to his pupils one of the best fruits of historical study—an idea of the steady advance of mankind from the primitive to the present level. A sociological interest is prominent in Professor Adams's "Outline," and he devotes a paragraph to "The Common Work of England and America \* \* \* to banish despotism from the world."—*The Outlook*.

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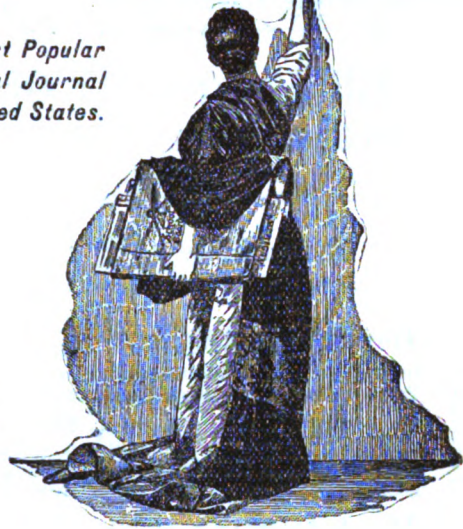
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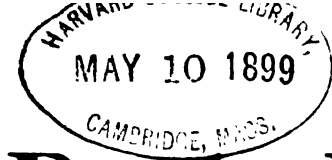
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# Book Reviews

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## HISTORY AND BIOGRAPHY IN 1898.

THERE is a certain advantage in an annual stock-taking in literature, and the present writer has been asked to undertake the duty of appraising the books published in 1898, which may be fairly brought under the head of history or biography. Such a task throws upon the critic the duty of making invidious comparisons as much by his selection of books noticed as in the actual words of criticism used. It was with a full sense of his responsibility that the writer selected for detailed notice nineteen books as being the most remarkable contributions to history published in 1898. He recognizes clearly that he may have passed over many works of equal merit, that he may have been led by the nature of his own studies to underrate many excellent books, that accident may have brought certain volumes to his notice and caused others to be excluded, but it may be confidently asserted that every one of the books considered deserves a place in the record of historical progress for 1898, and that although the list ought possibly to have been increased, it certainly could not have been diminished. An effort has been made to point out in what respects the books reviewed are noteworthy contributions to historical literature, and the writer's aim has been to dwell upon merits and not to find out faults. No attempt is made at minute detailed criticism, which finds its place more properly in the organs of technical historical and literary criticism; reasons for admitting these works into the permanent working libraries of historical scholars are given rather than summaries of the contents of the books; and this article is deliberately framed with the idea of helping librarians, professors and other students, rather than of showing off any special knowledge the writer may happen to have of the subjects treated. It need hardly be said that the criticisms are purely subjective; the writer has dwelt upon the books which have seemed to him the most noteworthy in the field of his own studies and has given his reasons for considering them so; but he is perfectly well aware that no two men are likely to agree entirely in their critical appraisal of modern books, and it is with full consciousness of his own presumption in attempting to pass judgment on the works of many authors, who are both senior to and superior to himself, that the present writer has drawn up the following appreciation.

The books selected for review differ in their character from valuable historical material in Bismarck's *Autobiography* and Della Rocca's *Autobiography of a Veteran* to skilful volumes on well-known subjects like Shand's *War in the Peninsula* and Stillman's *Union of Italy*, and it has been found impossible to classify them, or to group them after any fashion in order of merit. It has seemed better to take them in a natural order, which leads from one topic to another, rather than to group together works containing his-

torical material, works based on primary material for the first time examined, and works dealing with well-known periods and deriving their merit from clearness of treatment rather than novelty of view or use of fresh material. For the main part each book is considered separately on its merits and not compared exhaustively with others noticed in the course of the article. It should be premised further that the books considered are those published in 1898, which precludes the ranking among them of the two important contributions to history published in the first months of 1899, viz: Sir George Trevelyan's *American Revolution*, Part I., and the first volume of Sir W. W. Hunter's *History of British India*.

For the student, as apart from the reader of history, indisputably the most important book published during 1898 is the excellent translation into English of Langlois' and Seignobos' *Introduction to the Study of History*.<sup>\*</sup> Confusion has long run riot in the popular mind as to the true aims of the modern historian and the nature of his work. There still exist among us educated people who judge historical works by their literary style, and who see no difference between histories written for the exhibition of political theories, or for the stimulation of national patriotism, and histories written for the simple narration of the truth with regard to the past. The modern or nineteenth century conception of history differs entirely from that of former times. The discovery and narration of the truth with regard to the past is now recognized as the sole duty of the historian, and history has passed in aim and method from being a department of belles-lettres into a branch of science. This great change in the modern conception of history has for at least two generations been recognized in Germany and for nearly one generation in France, but it is only just beginning to be understood in America. Teachers of history in American colleges and universities could expound the modern conception of history, the scientific methods of historical investigation, and the duty of impartiality in both investigation and narration, to their classes, but there existed no book which they could place in the hands of their students or which they could recommend to that larger public outside college walls which is interested in history and desires to keep abreast of modern ideas. That manifest want has now been met. The moment that M. Langlois and M. Seignobos, the former a specialist of renown in mediæval history and the latter the author of the best history of Europe in the Nineteenth Century that has yet appeared, published their little volume, expounding the modern methods of scientific investigation, it was felt that at last it was possible to demonstrate to the world what are the aims and methods of modern historians. The book was received with enthusiasm. The characteristic French lucidity marked its every page; its wealth of illustration made the most abstract points intelligible; love of truth, and the laborious way in which alone truth might be discovered, shone out in every chapter; and the simplicity of its statements made it available for the general reader as well as for the special student of history. It is no wonder that so epoch-making a book should have been speedily translated into English, and in its English form it should have a wide circulation not only in all colleges and universities, but among those educated persons who desire to know the views of modern scholars as to what modern history is, as to how it should be studied and as to how it should be written. The only criticism that might be made upon this translation is that it might have been supplemented by illustrations from English and American historians of the past and

<sup>\*</sup> *Introduction to the Study of History*, by Ch. V. Langlois & Ch. Seignobos, of the Sorbonne. Translated by G. G. Berry, with a preface by F. York Powell, pp. xxvii, 350. New York, Henry Holt & Co.

of the present. The general reader in America is not very well acquainted with French historiography, and a few notes, pointing out parallels between English and American historians and some of the French names cited to prove points, would have made the book much more interesting, as well as more valuable, to American readers.

The output of American history during the year 1898 contained three very remarkable books, Thorpe's *Constitutional History of the American People*, Lodge's *Story of the Revolution* and the second volume of Ropes' *Story of the Civil War*. An expert in American history would doubtless supplement this meager list with other books of merit; but for both student and general reader these three books stand out preëminent. It would not be fair, however, to pass over without mention the excellent monographs which are constantly being issued as theses for the doctor's degree in American universities. Most of these monographs deal, and rightly, with restricted subjects and appeal rather to the specialist in American history than to the larger field of historical students. Noteworthy among those published last year are *The Provincial Governor in the English Colonies of North America* (Longmans & Co.) by Professor E. B. Greene, of the University of Illinois, being the most recent number of the Harvard Historical Studies, and *Rhode Island and the Formation of the Union* (The Macmillan Co.), by Professor F. G. Bates, of Alfred University, which is the last number issued of the Columbia University Studies in History, Economics and Public Law.

Of the three more elaborate works on American history, Professor Thorpe's book\* has been selected both on account of the novelty of its plan and the soundness of its method. There are a number of questions in American history to which hitherto no clear answer has been given. Take, for instance, the question of the extension of the franchise in the different States of the Union. It is sufficiently well known that at the time of the Revolution and for many years afterwards the right to the franchise was based, as it was in England, on property, and that the introduction of manhood suffrage was not an immediate result of the Revolution, but a later growth. Again, although the constitutional history of the United States has been carefully worked over and its development by amendment and by judicial interpretation has been often described, yet no attempt has hitherto been made to examine the constitutional history of the separate States, especially of the States admitted since the ratification of the Constitution, as exemplifying a series of democratic principles. In other words, the constitutional history of the United States has obliterated the constitutional history of the separate States. Mr. Thorpe has endeavored to fill the gap. In his *Constitutional History of the American People*, he has worked a mine of hitherto neglected material. He has examined the proceedings of State Constitutional Conventions and deduced from them the growth of constitutional and democratic principles. In the two volumes just published he has dealt with the period from 1776 to 1850, and has concerned himself naturally with the new States admitted during this period rather than with the older States of longer traditions. In order to illustrate his thesis of the growth of democratic principles he has selected four typical States for special consideration, and by describing the problems and the way in which they were met in Louisiana, Kentucky, Michigan and California has exemplified the general trend of political opinion in America under very different local conditions. Incidentally, Mr. Thorpe has dealt with a number of most interesting questions, hitherto neglected, which came up in the constitutional history of different States, and has dealt with a whole series of changes, such, for instance, as the

\**A Constitutional History of the American People, 1776-1850*, by Francis Newton Thorpe. 2 vols., pp. xxvii, 486; xv, 520. New York and London, Harper & Brothers.



establishment of the elective judiciary, more thoroughly than any previous writer. Mr. Thorpe's methods are as scientific as his point of view is novel. He has worked throughout from primary materials, and particularly from the reports of debates in legislatures and constitutional conventions; he has resisted the temptation to generalize too widely; he seems to have no special State patriotism or political principles to vindicate; and his results are put down in straightforward fashion without any attempt at misplaced eloquence.

To a very different class of historical literature from Mr. Thorpe's learned and laborious work belongs Senator Lodge's *Story of the Revolution*.\* Mr. Lodge has made no attempt to produce a detailed history for the scholar; it is impossible to tell whether he has worked from primary authorities or whether he has put together his narrative from the old and well-worn material, for his book contains no references; indeed it is to be doubted whether he himself, in the light of the excellent scholarly work he has done in other fields, would claim for his work a place in the historical output of the year in which it appeared. But it deserves its place there nevertheless. It is easier to make a success by expounding new views or delving in new material, than to tell over again a well-worn story. Senator Lodge has produced the best written narrative of the American Revolution known to the present writer; the story, as told by him, is full of brightness and vigor; the accounts of military operations are intelligible; unnecessary details are avoided; and the author shows a real aptitude for writing history for the unlearned. It might of course be possible to criticise certain of Mr. Lodge's points of view; it is hard to refrain from pointing out certain errors of historical proportion; it would be easy to justify strong strictures upon portions of the political part of the narrative; but it is more gratifying to dwell upon the merits of this spirited narrative and to declare its fitness for a place upon the shelves of every lover of American history. The book is beautifully produced, and where the illustrations are reproductions of contemporary portraits, facsimiles of contemporary documents, maps, and plans of battles no praise is too high to give, but it is most sincerely to be regretted that Mr. Lodge's *Story of the Revolution* should be marred by fancy pictures of historic occurrences. It is impossible to persuade the editors and publishers of magazines, and Senator Lodge's book first appeared as a series of articles in *Scribner's Magazine*, that a modern artist's ideas of historic events are absurd and misleading, and damage a book as much in the eyes of the historical student as they embellish it to the fancy of the uncultured reader. It is unfair, however, to blame Senator Lodge for the vagaries of his illustrators, and he can be heartily congratulated upon the success he has achieved in rewriting the well-worn tale of the American Revolution.

If Senator Lodge deserves congratulation for excellently rewriting, without working over again original material, the story of the War of the Revolution, Mr. J. C. Ropes deserves yet higher commendation for the industrious study of primary authorities, the admirable critical skill in dealing with those authorities and the clear, straightforward narrative, which he has given to the world in the second part of his *Story of the Civil War*.† The task he has undertaken is far more difficult than that of Senator Lodge. The events of the Revolution are pretty well established and its controversies have been fairly well settled; its theatre was comparatively small and its military history not ex-

\* *The Story of the Revolution*, by Henry Cabot Lodge. 2 vols., pp. xv, 324; xii, 285. New York, Charles Scribner's Sons.

† *The Story of the Civil War; Part II. The Campaigns of 1862*, by John Codman Ropes, pp. xii, 475. New York & London, G. P. Putnam's Sons.

ceedingly complicated; its literature, when sifted down to primary authorities, is not very voluminous; and the passage of more than a century has settled the proportion alike of its heroes and of its events. The reverse is the case with regard to the Civil War. Its controversies are still alive; its theatre was vast and its military history most complicated; its literature is most voluminous; and its proportions are far from being seen in their true perspective. No more gigantic task in American history can be undertaken than that to which Mr. Ropes has devoted so much time and labor. His book is studded with evidences of the care with which he has examined every scrap of the literature of his subject, and his statements are often supported by quotations from the letters to himself on disputed points, of actors in the events described. Homage must first be done to Mr. Ropes for the thoroughly scientific method in which he has pursued his work. He has never been satisfied with hearsay or with secondary evidence, but has always gone to the fountain-head and declined to be deceived by controversial apologetics. But if his amazing industry and scientific method deserve high praise, no less should be given to his admirable critical judgment. It is no easy matter to thread a clear way through masses of contradictory evidence. It is harder to perceive the truth when obscured by the very quantity of information, than to divine it by supplementing scanty documentary evidence with the help of a sympathetic imagination. Only those who have attempted to unravel some tangled period of modern history can adequately appreciate what Mr. Ropes has accomplished. The temper of his work is as admirable as his industry and his judgment. He tells the truth to the best of his judgment without bias or prejudice. He can see and has pointed out both the merits and the errors of the leaders on either side; Lee and Stonewall Jackson and Grant are praised and blamed with the same impartiality as McClellan or Pope or Beauregard; Lincoln does not escape censure when he deserves it, and the political faults of both federal and confederate governments are judiciously pointed out when they affected military operations. Mr. Ropes has not attempted to write an exhaustive history of the Civil War. Such a work would fill many more volumes than he has at his disposal and is rendered unnecessary by the excellence of many of the large works already accessible. He gives no account for instance of the troublous times in Missouri and of the confused military happenings there. He fixes his attention firmly upon the two great fields of military action in the East and in the West, and shows how events in these two theatres reacted upon each other. Perhaps nothing is more remarkable than the way in which he has proved that he knows what to omit. M<sup>M</sup>. Langlois and Seignobos in the volume already noticed dwell upon the tendency of young writers to overload their narratives with superfluous detail so that, to quote a well-known proverb, "They fail to see the forest on account of the trees." It is the mark of a mature scholar to know how to omit and nothing marks the vast superiority of Mr. Ropes over all other historians of the Civil War than the judgment with which he keeps close to the main trend of events. His work is essentially a history of military events; he carefully avoids political history, except when it concerns the conduct of the war; and he deals with campaigns and battles, not with public opinion and political motives. His history is not merely narrative but also critical. Whether his fashion of following up narrative chapters by critical observations is praiseworthy or not is an open question. He first attempted that style in his *Campaign of Waterloo*. It would perhaps be better for most historians to confine themselves to relating the truth without passing judgment or assuming the rôle of critic in addition to that of narrator. But Mr. Ropes is a master, and if he chooses to adopt a style of composition, which would be fatal in the case of

ordinary men, it is not for others to pass strictures upon him. His second volume deals with exciting and much-debated themes, and it is enough to say that he has produced what is, up to the present time, the supreme book on the military history of the Civil War and one which is an honor to American historical scholarship. It is, of course, impossible not to perceive from Mr. Ropes' volume that he is a Northerner, but his prepossessions show themselves only in occasional adjectives and a greater severity of judgment upon Northern than upon Southern generals, and do not affect his statement of events. It need hardly be added that his style is luminous; he has already served his apprenticeship in the writing of military history; and he has accompanied his volume with a small portfolio of maps and plans which makes his narrative everywhere intelligible. It is gratifying to find that he speaks in the highest terms of the latest English contribution to the history of the Civil War. Lieutenant Colonel G. F. R. Henderson, who is professor of military history at the English Staff College, published last year a book on *Stonewall Jackson and the American Civil War*, which the present writer has not seen, but which seems to be from Mr. Ropes' testimony an exceedingly valuable work, and one well worthy to be mentioned in this general review of the contributions to history of the past year.

In turning from notable contributions to American history to notable contributions to European history in the English language it may be well to mark the transition by a few sentences upon the most illuminating book upon the general history of Europe which has been published for many long years. Senator Lodge and Mr. Ropes discuss, the former in popular, the latter in scientific and critical, fashion the events of famous wars, but Mr. Oman goes further and in a most remarkable volume, carrying out the early promise of the Lothian Prize Essay, which he won at Oxford in 1884, has treated with brilliant exhaustiveness the *History of the Art of War in the Middle Ages*.\* Mr. Oman's performance has added another instance of the value to historical scholarship resulting from the essay prizes awarded at Oxford. Mr. James Bryce's *Holy Roman Empire* and Professor A. V. Dicey's *Privy Council* were both in their original forms university prize essays, and Mr. Oman's volume starts from the same origin. There is something eccentric in Mr. Oman's announcement that his recently published volume is the second of a series of four, which is to be followed by a first, third and fourth volumes, but the arrangement is excusable in the light of the special attention that Mr. Oman has bestowed on mediæval warfare. It is of course a truism to state that the history of the art of war is a potent factor in the art of civilization. Mr. Oman's volume justifies this truism with chapter and verse. He points out how the early Middle Ages were marked by the decay of the legion and consequently of organized infantry, and by the rise in importance and effectiveness of the mounted trooper. An interesting series of chapters then deals with the Byzantine army and shows once more, what Mr. Oman has insisted upon in another book, that the Byzantine Empire was not the effete and futile organization that until recently students agreed to consider it. The central part of the volume deals with the Crusades and with the supremacy in battle of the mailed knight. Feudalism is so often studied solely in its political and legal aspects that it is often forgotten that the whole justification of the system lay in the preëminent excellence in war of the mailed knight, whose production and encouragement was the origin, aim and end of feudalism. The armor, the sieges, the tactics and the strategy of the Middle Ages are treated with a sure and practiced

\* *A History of the Art of War: The Middle Ages from the Fourth to the Fourteenth Century*, by Charles Oman, pp. xv, 667. New York, G. P. Putman's Sons.

hand, and the improvements in the art of war due to the experiences learned during the Crusades are skillfully described. Equally to the point is Mr. Oman's description of the feudal castle, which was as true a manifestation of feudalism as the mailed knight. He brings out clearly that with the castle, as with the individual, the periods alternate in which the offensive and defensive have the advantage. Just as the development of the armorer's craft made the individual knight impervious to harm from any weapon that could be used against him, so the art of fortification as shown in the mediæval castle made the defensive supreme over all the resources of siege craft, until the invention of gunpowder. Castles could only be reduced by the long process of starvation by blockade, and success in the field of battle did not bring about conquest unless followed by a long series of blockades. The close of the middle ages witnessed the rise of a military power which was to overthrow the mailed knight of feudalism upon the battlefield. With great care and with a full understanding of its significance Mr. Oman has treated the history of the rise and development of the longbow. The fourteenth century is significant in history for the overthrow of the mailed chivalry of France on the battlefields of Crécy and Poitiers, and nothing is more interesting in the whole of Mr. Oman's volume than the way in which he shows that the tactics so successfully employed by Edward III. and the Black Prince were the result of long experience learned in the wars between the English and the Scots. Space demands that no further attention should be given to Mr. Oman's fascinating volume; enough has been said, it is hoped, to show that a perusal of it makes much of the Middle Ages intelligible and that it should have its place in the library of every teacher or scholar who desires to understand or expound the history of the Middle Ages.

To place next to Mr. Oman's scholarly volume, which is of the nature of a revelation to the ordinary reader, although its conclusions have been at different times noted by specialists, a mere summary of the events of a single war, like Mr. Shand's *War in the Peninsula*\* may seem something in the nature of an anti-climax. But it has been already pointed out that it is a task as difficult and as commendable to summarize skillfully as by patient investigation to add to the sum of human knowledge. Mr. Shand has put together a most readable account of the series of military operations which are perhaps the best known in all English military history. His volume is a contribution to the series of "Events of Our Own Time," which already comprises such notable volumes on military events as Hamley's *War in the Crimea*, Forbes' *Afghan Wars* and Malle-son's *Indian Mutiny*. These three volumes were written by experts, who dealt at first hand with military operations in which they themselves had taken part, while Mr. Shand's book is necessarily based upon Napier's celebrated *History of the Peninsular War*. His volume does not, therefore, possess the primary importance which attached to its predecessors in the series, and it does not pretend to be more than an effective summary of Napier. Mr. Shand asserts that he has used some of the recently published memoirs of Napoleon's soldiers, but upon the whole he keeps pretty closely to the admirable narrative of Napier, and seems to have made no use of the Portuguese authorities, or of the more excellent and more thorough *Guerra de la Independencia*, which is being compiled from Spanish documents by that laborious and distinguished Spanish writer, Don José Gomez de Arce y Moro. The final history of the Peninsular War, in which Wellington won his laurels and Napoleon's army suffered its first defeats, has yet to be written by someone with knowledge to collate English, French,

\* *The War in the Peninsula, 1808-1814*, by Alexander Innes Shand, pp. xi, 316. New York, Charles Scribner's Sons.

Spanish and Portuguese authorities, and with impartiality in presenting the results of his investigations. But until that work is done by a competent historian, Napier's *Peninsular War* must be regarded as the leading book upon the subject, and Mr. Shand's little volume may be commended as a readable summary of Napier's six volumes and as a book, which may in some instances lead to the reading of the classic history of purely military events in the English language.

In English history during the year 1898 no books have been produced equal in scientific ability or novelty of conclusions to Mr. Thorpe's *Constitutional History of the American People*, equal in laborious research or critical judgment to the second part of Mr. Ropes' *Story of the Civil War*, or equal in its brilliant presentation of a well known period to Senator Lodge's *Story of the Revolution*. But although there have been no epoch-making contributions to English history, several most valuable studies based upon the investigation of original authorities and mainly taking the form of biographies have been published. Major Hume's *Lord Burghley*, Mr. Corbett's *Drake*, Miss Foxcroft's *Marquis of Halifax* and Lord Ashbourne's *Pitt* are all notable contributions to history, both from the original materials consulted and the new light thrown thereby upon important subjects. It is indeed somewhat characteristic of the difference between American and English historical scholarship at the present time that English scholars of the highest rank tend to specialize, though with surer hand perhaps and riper knowledge than American candidates for the doctor's degree, but that they do not attempt the larger tasks of the historian with the same courage and success as writers like Thorpe and Lodge and Ropes. This distinction is perhaps due to the fact that American history is so much briefer than English history and lies so entirely within the period of written record that historical material for it is to a far larger extent than is yet possible in England thoroughly worked over and accessible to scholars. A long time must necessarily elapse before European historical scholars can hope to deal with the same surety with their history that American scholars are fortunately enabled to acquire.

Nevertheless the year 1898 witnessed the publication of one remarkable attempt to write a narrative history of England covering its most difficult and obscure period. Some years ago Sir James Ramsay published at the Oxford Clarendon Press two volumes on the history of the Lancastrians and the Wars of the Roses under the title of *Lancaster and York*. He has now attacked a far more difficult subject, and has written two elaborate volumes, which, under the title of *The Foundations of England*,\* deal with English history from the earliest times to the accession of Henry II. The immense quantity of work done by specialists upon this period during the last few years makes Sir James Ramsay's courageous attempt the more remarkable. His book is no mere summary for the use of schools, of the latest views and investigations, like the works of Gardiner and Airy and Oman and Ransome, but it is a scholarly attempt to deal with the whole of the vast literature upon the period. His book is likely to be of use for some years to come but it is of course very far from being even an approximately final presentation of the results of modern historical research. The indefatigable labors of scholars like Mr. Round, the publication of new volumes of documents both in the Rolls Series and by the numerous printing societies, the ransacking of old material and the discovery of new, the application of the principles so clearly laid down by M.M. Langlois and Seignobos and the appearance in the field of such mas-

\* *The Foundations of England, or Twelve Centuries of British History* (B. C. 55-A. D. 1154) by Sir James H. Ramsay. 2 vols., pp. xxxi, 553; xxiv, 509. New York, The Macmillan Co.

ters of critical research as Professor F. W. Maitland, of Cambridge University, are all contributing to rewrite the whole of early English history. A comparison between Mr. C. H. Pearson's volumes, published in 1867, and Sir James Ramsay's book shows the extent of the advance made all along the line in the attainment of a more correct knowledge of early English history, but the work is but just commenced of scientifically collecting and appreciating material. Many years must elapse before the innumerable problems presented by the early centuries of English history can be solved, and it is not until a generation of scholars and critics of the type of Professor Maitland and Mr. Round have completed their work, that a moderately probable account of early English civilization and early English political happenings can be laid before the world. Yet Sir James Ramsay deserves the greatest credit for his painstaking work. In time to come it will be regarded as showing the high watermark of knowledge of early English history in 1898 and it is a most serviceable compilation, at the present time, of existing views and knowledge. Professor Maitland's illuminating volume *Domesday Book and Beyond* lies by the date of its publication outside the sphere of the present article, but it is interesting to note the effect of that already famous book and of its still more famous predecessor, Stubbs' *Constitutional History of England*, upon the development of knowledge of early English history during the thirty years that have elapsed between the publication of Pearson's *History of England during the Early and Middle Ages* and of Sir James Ramsay's *Foundations of England*.

Apart from Sir James Ramsay's volumes no work of importance was published during 1898 upon early or mediæval English history. Many documents were brought to light, and the editors employed by the Record Office continued their work, but no volumes comparing in importance with Maitland's *Domesday Book and Beyond* or with Round's *Geoffrey de Mandeville* saw the light. It is otherwise with regard to the Tudor and more particularly with the Elizabethan Period. No two books of equal importance in throwing light upon the reign of Queen Elizabeth as Hume's *Burghley*\* and Corbett's *Drake* have ever before been published within a single twelvemonth. Major Martin Hume has indeed definitely established his position as the most industrious investigator of Elizabethan history. His work in editing the Spanish Series of the Calendars of State Papers has won for him a reputation on a level with those learned editors, Professor Brewer, Mr. James Gairdner and Mrs. Everett Green; his volumes on *The Courtships of Queen Elizabeth* and on *The Year after the Armada* have shown his skill as a writer of history; and his knowledge of Spanish and careful study of the life and policy of Philip II. have made him specially able to deal with the foreign policy of the reign of Elizabeth without the English bias and exclusive use of English material, which has caused most accounts of the reign of Elizabeth hitherto to be patriotic rhapsodies rather than sober histories. It was the late Professor Seeley who, as far as the present writer knows, first pointed out that the significant feature of the reign of Elizabeth was the long thirty years of peace which preceded the defeat of the Spanish Armada and not the period of war which followed that most notable event. For these long years of peace Elizabeth was herself mainly responsible, but she could hardly have been as successful as she was, had it not been for the wise and temperate policy of the most diplomatic of English statesmen, William Cecil, the great Lord Burghley. Most truly has Major Hume given as the subtitle to his book "A Study in Elizabethan Statecraft," for it is with the foreign policy and diplomatic *finesse* of the great minister

\* *The Great Lord Burghley: A Study in Elizabethan Statecraft*, by Martin A. S. Hume, pp. xv, 511. New York, Longmans, Green & Co.

that he mainly deals. There are of course allusions to internal affairs and occasional pages devoted to the tortuous ecclesiastical policy of the Queen; there is a certain amount of biographical information; there is, now and again, a brief paragraph on Burghley's character; but nearly the whole volume is occupied with the minute relation of English foreign policy. The task that Elizabeth and Burghley undertook in keeping England at peace, while other nations were rent with civil or foreign war was one of immense difficulty. The main aim of the great statesman and his royal mistress was to play off France against Spain and Spain against France. A national coalition of the two great Catholic powers would at any moment have brought on a war for the national existence of England. Of the two great powers Burghley inclined steadily to the side of Spain, for he feared the possibility of a French conquest of Flanders and the machinations of the French in Scotland, more than the bigotry of the great champion of the Catholic Church. Circumstances aided the Queen and her minister in their policy. It was always possible to weaken France by aiding the Huguenots and to weaken Spain by aiding the Dutch insurgents. In Scotland, too, the hearty acceptance of the Reformation made it possible to prevent any attack across the border by a united Scotland, while the plantation policy in Ireland was initiated to ward off danger from that quarter. In all her diplomacy Elizabeth made use of her unmarried state to whet the ambitions of the great continental powers, but even her skill could hardly have steered the ship of state over the dangerous shallows without the supreme diplomatic skill of the minister who always possessed the greatest share of her confidence. But Burghley's task was no easy one. Elizabeth was a very woman and the most carefully laid schemes of her minister were oftentimes nearly wrecked by her caprices, her vanity and her niggardliness. Against Burghley too there worked consistently a strong opposition party led by the Queen's favorite, the Earl of Leicester, and, after his death, by his step-son, the Earl of Essex. In no other modern book is more clearly portrayed the strife between the peace and the war parties in Elizabeth's council and the kaleidoscopic shiftings of foreign diplomacy. Major Hume makes no hero of the great Elizabethan statesman; he recognizes the want of generosity and scheming coldness of heart that characterized the founder of the house of Cecil; he makes no secret of the abominable spy system on which Burghley's diplomacy rested; he realizes the indifference to religion which made the Lord Treasurer ready to consent to the prosecution as traitors of all who would not enter the strait limits of the national church; but he realizes also that, despite his faults of character and intellect, Burghley was a great English statesman who put the independence of his nation and the honor of the Queen, his mistress, as the symbol of the nation, above all other earthly considerations. Nowhere does Major Hume show greater skill than in dealing with the much debated controversies regarding Mary, Queen of Scots, and it may be asserted with some confidence that his treatment of the ill-fated cousin of Elizabeth approaches what is likely to be the final verdict of history. No student of English history can afford to neglect Major Hume's book and it may be said that he has appreciably diminished the time which must elapse before the events of the most critical period in all English history can be adequately narrated by a competent historian.

It is surely a striking coincidence that the very same year which witnessed the appearance of the most careful study of Lord Burghley and incidentally of Elizabethan diplomacy yet written, should be marked by the publication of the most admirable study yet produced of the man who stood for the reversal of Burghley's policy, Sir Francis Drake. The two things for which the Elizabethan period stands in English

history are the peace of Elizabeth, which Burghley did so much to maintain, and the war of Elizabeth, in which Drake was the most striking figure. Elizabethan statecraft and the Elizabethan navy, the diplomatist and the sailor, are the twin heroic figures in English history of the latter half of the sixteenth century. Mr. Julian Corbett, like Major Hume, has done more than write a new biography. The title of his book, *Drake and the Tudor Navy*,\* shows the thesis he has set before himself. And the subject was one that needed treatment. It cannot be said that Elizabethan naval history has been as neglected as Elizabethan diplomacy; far from that being the case, until recently the war of Elizabeth dwarfed in the pages of history all the long preceding years of peace. But the national enthusiasm which long fixed the defeat of the Spanish Armada as the beginning of England's great rôle in the world was not directed by knowledge, and it may be that Elizabethan statecraft has suffered less from neglect than the Elizabethan navy from the spread of false information. Naval history and the general topic of the rise and fall of maritime or sea power has exercised many minds since the publication of Captain Mahan's epoch-making volumes. The realization that the central fact of England's world power has rested on her naval preëminence has caused a revival of interest in her naval history and has led to the reconsideration of it by the systematic and scientific study of primary materials. The foundation of the Navy Records Society may be cited as an instance of renewed interest in naval history; the valuable contributions of Captain Mahan, Professor Laughton, Mr. Clowes, Mr. Oppenheim, and now of Mr. Julian Corbett, all testify in the same direction. If, as has been said in dealing with Mr. Oman's book, the history of the art of war affords a key to the progress of civilization, and the rise and fall of empires and nations, it must be borne in mind that the art of naval warfare which confers the control of the seas is just as important, and is increasingly important as the centuries progress, as the art of land warfare. When the Mediterranean was the center of European civilization, the galley rowed with oars was the recognized unit of naval warfare, and generals at sea manœuvred their fleets of galleys with the accuracy of generals on land manœuvring their legions or their regiments. But when civilization spread beyond the Mediterranean countries and the Atlantic Ocean became the field of the world's conflicting interests, the sailing ship took the place of the oared galley and a revolution was effected in the naval warfare of the world. The use of gunpowder further altered the conditions, and a new set of principles for the evolution of ships and fleets had to be discovered. It was at this moment that the English navy became a great factor in history, and Mr. Corbett, though not denying to the other Elizabethan sailors their meed of credit, drives home the fact that Sir Francis Drake was more than a daring pirate, in that he was the chief agent in working out the new development in naval warfare. The chapters in which Mr. Corbett deals with this side of Drake's activity and the working out of the new rules and units in naval warfare are the most important in his book to the historical student, and those teachers and students of English history who have not the time or inclination to study the more detailed and technical works of Mr. Oppenheim, would do well to master the subject in Mr. Corbett's interesting book. The actual life of Drake is pretty well known, though Mr. Corbett tells again with fresh vigor and from original authorities the tale of his most daring voyages; but the exposition of Elizabethan policy is neither so clear nor so detailed as Major Hume's account in his book on Burghley. It is interesting to study the two books together and to see from different points of view the opposition of

\* *Drake and the Tudor Navy, with a History of the Rise of England as a Maritime Power*, by Julian S. Corbett. 2 vols., pp. xvi, 436; viii, 488. New York, Longmans, Green & Co.



interest and of policy of Burghley and of Drake, and to realize that, in spite of that opposition, both the statesman and the admiral were working for the same end, the triumph of English national independence. Elizabeth herself fares no better in the eyes of the biographer of Drake than in those of the biographer of Burghley, but since both of their heroes served and almost worshipped the great Tudor sovereign, there must have been something in her personality which could not be communicated in cold print, that outweighed the vanity, the coquettish waverings and the mean parsimony, which finds its place in the records of the lives of the two greatest of her servants.

From the Elizabethan period to the Revolution of 1688 is a long step and it is with an entirely different political world that the next book on English history upon the list of notable works published in 1898 has to deal. Miss Foxcroft's *Life and Letters of the Marquis of Halifax*\* is like the volumes by Major Hume and Mr. Corbett far more than a simple biography. It is an exposition of a very important period in English history based upon an examination of the political life of a most important statesman. The name of Lord Halifax is not clothed with the renown of the names of Drake and Burghley, and the part he played in English history was not of the same supreme importance. His place is not with the makers or the saviours of the English nation, it is rather with those who remodeled the English state. The three important politicians of England during the period of Restoration and the Revolution were Shaftesbury, Danby and Halifax. They witnessed and took part in the efforts of the Stuart monarchy to undo the work of the great Civil War; they were representative of the men of education and property, who had no sympathy with enthusiasm or democracy, and who were sincerely opposed to either extreme of monarchical or popular government; they were all sincere believers in their country's independent development, and stand in the front rank of that English aristocracy which after the Revolution was to sway the destinies of the English nation for nearly a hundred and fifty years. Within their lifetime and largely by their means the control of the executive by parliament, the system of party government and the control of public opinion were largely worked out, and though it was not until after the death of Queen Anne that cabinet government was definitely established, yet that final step could not have been taken but for their earlier labors. Of these three politicians, Mr. W. D. Christie wrote an excellent life of Shaftesbury some years ago, Miss Foxcroft has now produced an excellent life of Halifax, and Thomas Osborne under his different titles of Earl of Danby, Marquis of Carmarthen and Duke of Leeds alone remains to be adequately treated. Of the three, Lord Halifax was probably the most intellectually gifted. He has his place among English men of letters as well as among English statesmen; he was less factious than Shaftesbury or Danby; he was a deeper thinker on politics than either of them, and saw more clearly the true points of a political situation. To most readers of English history his name is known as that of the typical "trimmer," or opportunist, as he would now be called. It is in this character that Lord Macaulay has depicted him, although the great Whig historian had little sympathy for one who was so little of a party man as Halifax. All historians of the period, both contemporaries and subsequent writers, have acknowledged the vast importance of the part played by Halifax in English politics, and it is indeed a strange thing that more than two hundred years have elapsed before a serious attempt was made to write his life and edit his more important writings. Miss

\* *The Life and Letters of Sir George Savile, First Marquis of Halifax* with a new edition of his works now for the first time collected and revised, by H. C. Foxcroft, 2 vols., pp. xviii, 510; vii, 537. New York, Longmans, Green & Co.

Foxcroft has done her work well ; she has, as far as possible, left Halifax to speak for himself by a judicious reprinting of his letters and pamphlets ; she has sedulously and in a way to delight the hearts of MM. Langlois and Seignobos sought for every scrap of possible material in the Record Office, the British Museum and the family archives of great English houses ; and she has put together the results of her investigations in modest fashion, not drawing conclusions herself but leaving them to be drawn by the reader from the materials laid before him. It may be that the book is rather more for scholars than for the general reader, and the elaborate footnotes are likely to repel all not versed in English history of the seventeenth century ; but for all that her *Life and Letters of the First Marquis of Halifax* is a genuine contribution to English historical scholarship and by no means the least noteworthy of the contributions to English history published in 1898.

It is as long a leap in point of time from Halifax to the younger Pitt as from Burghley to Halifax. The system of party government and of control of the executive by parliament, which was just beginning to show itself in the latter part of the seventeenth century was fully developed by the end of the eighteenth century. Cabinet government which supplied the administrative cohesion necessary for the efficient control of the government by the legislature had been definitely worked out by the time of the greatest parliamentary minister of the 150 years, which elapsed between the Revolution and the Reform Bill of 1832. Walpole, Chatham and Pitt are the three great names of English political history in the eighteenth century, and although it may be admitted that Walpole was a greater politician and Chatham a greater statesman, than the younger Pitt, it is not to be denied that the latter was the greatest parliamentarian. None of the three great figures of the eighteenth century politics have been treated with thorough knowledge by modern scientific historians. Books like Coxe's *Life of Walpole*, Thackeray's *Life of Chatham* and Gifford's or Tomline's or Stanhope's *Life of Pitt* contain masses of valuable information and a great number of useful documents, but they neither show the mastery of material nor the critical and impartial judgment, which entitle a book to rank as a trustworthy history. Written in the style of a bygone generation they are already out of date. Brilliant little volumes have, indeed, been contributed to the Twelve English Statesmen Series by Mr. John Morley on Walpole and by Lord Rosebery on Pitt, and a volume on Chatham is promised in the same series by Mr. Morley. But these sketches cannot be considered as more than sketches, and the political lives of the three great ministers are yet to be written. During the year 1898, however, a contribution of great historic value to our knowledge of Pitt has been made by Lord Ashbourne in a most interesting volume.\* His book does not pretend to be an exhaustive biography, but it possesses two valuable features which must make it indispensable to all future students of the life and policy of William Pitt. In the first place it contains numerous letters written by and to Pitt, which Lord Ashbourne has copied from private collections and printed for the first time. By so doing he has indicated the enormous amount of interesting Pitt correspondence, that has escaped the notice of Lord Stanhope and other biographers, and has also thrown much new light on certain points of Pitt's private and political life. Nothing can be more charming than the letters now printed from Lady Chatham ; her pride in her precocious son, her anxiety over his frail health, her lively interest in his career, and Pitt's filial reverence for the mother who so well deserved it, supply a new chapter, and, it must be added, a most

\* *Pitt: Some Chapters of His Life and Times*, by the Right Honourable Edward Gibson, Lord Ashbourne, pp xiv, 395. New York, Longmans, Green & Co.

welcome one, in that it brings out the human side of the great minister, to the life of Pitt. Of equal interest are the two letters discovered and printed by Lord Ashbourne in reference to Pitt's love affair with Elenor Eden. Unworthy and discreditable reasons have sometimes been given for Pitt's continued bachelorhood in the light of his known attachment to Miss Eden, and the fact that no correspondence upon the subject had been discovered by Pitt's biographers has been interpreted to his discredit. But we now have in Lord Ashbourne's volume the two letters which the prime minister addressed to the young lady's father, in which Pitt avows his attachment and expresses in manly terms his intention to go no further. He gives no reason for his decision which he says did, and which evidently did, cause him much pain, but it is very evident that there was nothing in Pitt's love affair unworthy either of him or of Miss Eden. Lord Ashbourne's volume, as its title shows, does not pretend to be an exhaustive biography of Pitt; it is neither a political study like Major Hume's *Lord Burghley* nor a careful biography like Miss Foxcroft's *Lord Halifax*. Its second feature of interest, apart from its use of new personal correspondence is to be found in its careful treatment from primary authorities of Pitt's Irish policy. Lord Ashbourne, who is at the present time Lord Chancellor of Ireland and a member of Lord Salisbury's cabinet, has been so long connected with the administration of Irish affairs that in dealing with Ireland in the last century he is upon ground thoroughly familiar to him. His chapters on the efforts of Pitt to arrange the commercial relations between England and Ireland in the days that followed the recognition of the independence of the Irish parliament, illustrated as they are by the original correspondence of Pitt on this subject, are most illuminating; his treatment of the vexed subject of Lord Fitzwilliam's brief viceroyalty in 1794 is most judicious, though it does not contribute much new information; and his pages upon the passage of the legislative union between Great Britain and Ireland are marked by the same judicious handling. Lord Ashbourne recognizes the weakness of Pitt's conduct in 1801 and in 1804, and sees clearly, in spite of his admiration for Pitt, that the minister failed to do his best to give the Catholics the relief to which they were entitled, since one of the arguments for the Union had been based upon the possibility it would afford for a more generous treatment of the Irish Catholics. Lord Ashbourne's intimate knowledge with the political and social condition of Ireland in the last century shines out on every page and it may sincerely be hoped that when relieved from the cares of office, he may find time and inclination to write the much needed history of Ireland during the brief period of her legislative independence.

It cannot be said that Mr. Gladstone's long political career has entered into the domain of history like those of Burghley or Halifax or Pitt, but when time enough has elapsed to see that long career in its true perspective he will doubtless take his place among those English statesmen whose names mark a definite period in English political history. He witnessed and took part in the change of English government from an aristocracy, through the domination of the middle classes, to a democracy and, however much his policy may be debated and his motives impugned, his name must rank with those of Peel and Palmerston and Beaconsfield among the great English political figures of the 19th century. It is known that Gladstone preserved with care an immense mass of personal correspondence and political papers, which will make the task of writing his biography and examining his political career comparatively easy, and it is also known that one of his closest colleagues in his latest period, Mr. John Morley, who has already distinguished himself as a writer of political biography by his *Life of Cobden*, has consented to work over the material and to present to the public a political

biography of Gladstone. But in the meanwhile, until Mr. Morley shall have taken the necessary years for his stupendous task, it is possible to note among the historical productions of the year 1898 the excellent *Story of Gladstone's Life*,\* which Mr. Justin McCarthy has promptly published. This handsome volume with its numerous and beautiful illustrations is written by a very sincere admirer of the dead politician, and, though it does not pretend to be an exhaustive biography and is not based upon any detailed study or exclusive material, it may well hold the field until the publication of the anxiously expected biography which Mr. John Morley has abandoned political life in order to produce.

It is impossible, after mentioning the prompt fashion in which a temporary biography of Gladstone appeared immediately upon his death, not to touch next upon the two Bismarck books,† which form the most notable contributions to German history in the English language published in 1898. The literature on Bismarck had long before his death swollen to a large library, and public curiosity was roused to its height by the hurried publication immediately after his death of the so-called "Autobiography of Bismarck" and by the new volumes upon him by the already celebrated Dr. Busch. Few men have lived in the state of semi-deification which surrounded Bismarck since the triumphant conclusion of the Franco-German War. Every detail of his life has been studied with the greatest possible ardor; his conversations and his occasional memoranda have been edited with reverent care; his parliamentary speeches have been collected and published even when they dealt with the most trifling matters; every journalist admitted within the sound of his voice felt it a pious duty to make articles out of his most casual remarks; and in his own lifetime he received the distinction of having devoted to miscellaneous matters concerning him a *Jahrbuch* or Annual, like those produced upon Shakespeare and Goethe. Upon no public man of this century has so much natural curiosity centered as upon Bismarck; the work he accomplished and his striking personality alike contributed to this. When it was announced immediately upon his death that he had left memoirs, the publishing houses of two continents strove for the honor and profit of placing them upon the market. The first result of the appearance of the Bismarck Autobiography was undoubtedly disappointment. The world had expected a picturesque account in the Iron Chancellor's own picturesque vocabulary of his thoughts and his doings, which should throw light upon the hidden places of his policy and reveal state secrets of scandalous interest. The world has been disappointed as it was a few years ago in the *Talleyrand Memoirs*, and by a natural reaction has underestimated the real historical value of the old statesman's recollections in proportion as its expectation had been overstimulated. The Bismarck Autobiography does not pretend to be a carefully written and serious memoir; it is rather a collection, as its title page honestly asserts, of reflections and reminiscences. The octogenarian statesman could hardly be expected to narrate the events of a long life with perfect accuracy; it is known from the pages of Busch and other authorities that in his retreat he had no methodical collection of the books and

\* *The Story of Gladstone's Life*, by Justin McCarthy, pp. xii, 436. New York, The Macmillan Co.

† *Bismarck, the Man and the Statesman, being the Reflections and Reminiscences of Otto, Prince von Bismarck, written and dictated by himself after his retirement from office*; translated from the German under the supervision of A. J. Butler, 2 vols., pp. xxi, 415; xx, 362. New York, Harper & Brothers.

*Bismarck, some secret pages of his history, being a Diary kept by Dr. Moritz Busch*, 2 vols., pp. xix, 504; viii, 585. New York, The Macmillan Co.

papers, which he needed to refresh his memory ; and his faithful secretary, Dr. Lothar Bucher, told Busch that he despaired of getting together any work of value from the haphazard dictations of the old minister. There is neither system nor arrangement on any intelligible plan in the reflections and reminiscences, but the mere fact that they were dictated to Bucher and have been edited by Kohl, gives assurance of their authenticity. Though they form in no sense a substitute for a biography, they must ever remain a primary document of supreme importance for the future biographer and historian. The old man's memory must often have failed him, and it is perfectly possible that care will have to be taken not to accept the notes dictated to Bucher as of absolute validity, but yet the picture they give of the thoughts of Bismarck in his old age with regard to the doings of his great career, can never cease to interest mankind. It is to be added further that even if Bismarck had at an earlier date attempted to write memoirs, he would have been as little successful in producing a complete record as he was in his old age. In the words of Busch, who discussed the so-called autobiography with Bucher at the time of its dictation, Bismarck "was not qualified to be an historian ; he was to such a large extent the author of the history of the past decades that it might be called his history, but he did not understand how to relate it." (Vol. II., p. 566.) It has lastly to be noted that the reflections and reminiscences of Bismarck only extend to the reign of the Emperor Frederick. It is pretty certain that he has placed on record the circumstances surrounding his dismissal from office, but it has probably been thought inexpedient by his family that it should be printed at the present time. The two volumes on Bismarck by Dr. Busch were expected with almost as much eagerness as the Bismarck Autobiography, and like the latter, fell rather flat. Dr. Busch had made for himself a reputation almost equal to Boswell's for retailing the gossip of daily conversation, and his volume on *Bismarck and His People during the Franco-German War* has its place upon the shelf with Luther's *Table Talk* and Boswell's *Life of Johnson*. His practice of writing down Bismarck's daily conversation during the months of the war that made the German Empire has given him a niche as permanent in history by the side of Bismarck, as that of Boswell is permanent in literature by the side of Johnson. Practically the whole of the first volume of Busch's new work on Bismarck is a fuller rendering of the *Bismarck during the Franco-German War*, and the additional matter is not of very great significance. The second volume, however, is new and contains in somewhat scrappy fashion records of conversations with Bismarck, interspersed with some letters and newspaper articles of less interest and importance. Yet the book is one that can never be neglected by the future historian of the German Empire ; it gives the true Bismarck more vividly than the "Reflections and Reminiscences," and drives home the personality of the greatest European statesman of the century with fidelity and vigor.

Of works upon the history of France in the English language published in 1898 nothing need be said, but upon Italian history three notable books of very different character in both aim and method have seen the light. The most remarkable of these books from the historical point of view is *The Union of Italy*\* by the well-known American correspondent in Rome, Mr. W. J. Stillman. This book is not only the best account in English of the dramatic series of events which brought about united Italy, a work fully as remarkable as the creation of united Germany, but it is a distinct contribution to history. If it merely summarized in brief compass the events in Italian history from 1815 to 1895, and did this correctly, it would have its place with other handy

\**The Union of Italy, 1815-1895*, by W. J. Stillman, pp. x, 412. New York, The Macmillan Co.

little compendiums of historical information and would be dismissed here with but very brief, if any, mention. It would, of course, supersede such a book as the Countess Martinengo Cesaresco's *Liberation of Italy*, which is hysterical rather than historical, and that would be its main title to usefulness. But Mr. Stillman's book is much more than a summary of modern Italian history. First of all, it is compiled after an elaborate study of the already large literature upon the subject, the extent of which may be judged from the eleven pages of bibliography appended. This literature has not been merely read, it has been digested. Secondly, during his long residence in Italy, Mr. Stillman has seen with his own eyes for more than fifty years the process of making the kingdom of Italy; he has personally known many of the actors in the stirring drama, and his volume has therefore something of the character of a primary authority. It is this which causes the reviewer not to be hard upon the evident bias shown in many of Mr. Stillman's judgments, for, however much it may injure the character of his volume as an impartial history, it yet gives a point of view of an eye-witness and an actor that enhances its value as material for history. Mr. Stillman's admiration for Crispi causes him to bring into special prominence the great services of the last, and perhaps the greatest, of the Garibaldians and he therefore lays especial weight on the progress of events in the island of Sicily. Mr. Stillman is not led away by the glamour of successful achievement and, witnessing the recent history of the Italian kingdom, which he faithfully narrates, is inclined to dwell upon the maxim which he quotes at the end of his volume: "Too quickly and, too easily was Italy made." For the purely historical part of his work Mr. Stillman relies manily upon the comprehensive work of Tivaroni, and he could have no better guide, but, as has already been said, he has read widely upon the literature of his subject and is able to supplement his reading from his own personal knowledge.

One of the most interesting of the personal memoirs of the makers of Italy, which Mr. Stillman quotes, is the Count Della Rocca's *Autobiography of a Veteran*.<sup>\*</sup> This charmingly written book, which created universal interest at the time of its appearance, has been made accessible in an English translation. Count Della Rocca was an intimate friend and companion in all his campaigns of Victor Emmanuel I. and the light thrown upon the character of the prince under whose encouragement Cavour made united Italy is most valuable and attractive. In no other authority can more easily be obtained a first hand knowledge of the conditions of Piedmont in the days of Charles Albert. Sprung from an old Piedmontese family Della Rocca was practically bred at court and the complex character of Charles Albert and the causes of his failure in 1848-49 to accomplish the work which afterwards fell to his son are nowhere better depicted. Della Rocca played his part as a soldier in the campaigns of 1848-49, 1859-60 and 1866 and his revelations upon the Italian army explain much that seems otherwise mysterious. His acquaintance with the Piedmontese who served Victor Emmanuel in his great work enables him to aid us in understanding Cavour and brings into intelligible colors that most puzzling of Italian statesmen and generals, Alfonso Della Marmora. Della Rocca's *Autobiography* well deserved translation and forms a distinct addition to the scanty amount of material in the English language upon the making of united Italy.

Hardly to be considered as a history, or as the biography of a city, or as an illustrated and anecdotal guide book, but possessing the qualities of all three, is Mr. Marion

<sup>\*</sup> *The Autobiography of a Veteran, 1807-1893*, by General Count Enrico Della Rocca, translated from the Italian and edited by Janet Ross, pp. xii, 299. New York, The Macmillan Co.

Crawford's *Ave Roma Immortalis*.\* The attraction of Rome for the student of history surpasses the attraction of all other cities. The Roman Law, the Roman Empire and the Roman Church have done more to influence the civilization of western Europe than any other factors in its history. Lifetimes might be and have been spent in studying the topography and history of the Eternal City, and yet despite the labors of archaeologists and historians, there exists no clear summary in the English language of the story of the city of Rome. The attempt that Mr. Marion Crawford has made to tell that story is full of interest. He has evidently read widely and deeply in the history of mediæval Rome; he knows the city both in its historic and artistic aspect better than most foreigners and many natives; long residence has made him sympathize with the majestic passage of its past events; and an imaginative and poetic insight has enabled him to tell what he has seen and thought in Roman surroundings. The novelist has not attempted to give the results of his knowledge and researches after the straightforward fashion of the modern historian; his arrangement is not systematic and his perspective is purely subjective; he gives no references to authorities; he lays weight on the romances that appeal to him rather than on the great events of historic importance; and his style shows the vivid, picturesque language of the master of fiction, rather than the sober prose of the historian. Yet the book to all who know Rome is one of singular charm. The anecdotes and stories which fill its pages are all familiar, but as retold in connection with historic sites and buildings they stir up a renewed interest. Mr. Crawford's plan has been to follow up some brief introductory chapters by an elaborate description of the fourteen regions of Rome in their topographic, historic and artistic setting, concluding with final chapters on the present Pope, the Vatican and St. Peter's. He has in this fashion produced a remarkable book, which from the amount of historical knowledge displayed deserves a place in this general review, although it differs entirely alike in plan and execution from the volumes which have already been noticed.

It would not be right to conclude this article without a reference to two great achievements, which have greatly extended the possibility of teaching and understanding Greek history. In no department of historical work has the acceptance of the modern standards of the historian's duty in investigating and narrating the past been more conspicuous than in the domain of Greek history. The elaborate productions of the last generation are already out of date; Grote with his political party feeling and his information limited to the written works of the great Greek historians may indeed continue to be read, but he can no more be trusted as an impartial narrator of events than Thucydides himself, who was a participator in the events that he describes; and even Curtius was more anxious to justify his theories than to impartially narrate in proper proportion the history of the Greeks and their civilization. Foremost among modern historians of ancient Greece is Adolf Holm; in his history he has used the most modern methods, and he has relied more upon coins and inscriptions than upon Herodotus and Thucydides; he has freed himself from the old concentration upon the history of the Peloponnese and has given its due place to the Greek civilization in Sicily and Italy; he has regarded Greek literature as illustrative of historical development and not as dominating it; and he has shown perfect impartiality in dealing with the problems of the past and not considered it necessary to dogmatize on little-known problems in order to show his own acuteness. The translation of Holm's *History of Greece* into

\* *Ave Roma Immortalis; Studies from the Chronicles of Rome*, by Francis Marion Crawford. 2 vols., pp. x, 332; ix, 344. New York, The Macmillan Co.

English,\* of which the fourth volume, completing the work, was published in 1898, is a real boon to all students and teachers of Greek history. It is not too much to say that the book is absolutely indispensable to all who desire to understand the most modern and most scientific treatment of the history and civilization of the gifted race which expounded the highest ideals of European thought and art.

But if the completion of the translation of Holm's *History of Greece* be an event worthy of mention in such a general review as this of the historical products of 1898, it is still more impossible to pass over without mention the greatest achievement of the year in Greek history, in the publication of Mr. J. G. Frazer's translation of Pausanias.† The present writer frankly acknowledges his inability to do justice to the gigantic task which Mr. Frazer has brought to completion. Frazer's *Golden Bough* made its author famous by its extraordinary width of learning and subtlety in explaining the problems of ancient superstition and mythology. Yet his translation of Pausanias, with the fascinating introduction, elaborate notes and learned commentary, proves that Mr. Frazer is no one-sided specialist, but a ripe scholar whose knowledge extends over the whole field of Greek learning. For the first time Pausanias's *Description of Greece* is made accessible to English readers, and made accessible with such a wealth of illustrative matter that it is made a more valuable primary authority for the topography and antiquities of Greece than it has ever been before. The gratitude of all scholars as well as their admiration must go forth to Mr. Frazer for the great work he has completed and the critic can only praise and wonder, while leaving it to specialists to point out in more minute fashion the precise merits of his work.

In conclusion it has once more to be stated that this article does not pretend to be exhaustive, but it is believed that most of the books that would by common consent be included in any complete record of the historical output of 1898 have now been mentioned. It is of course impossible to enumerate the various contributions to local history or the publications of local historical societies. But it may not be considered invidious to draw attention at the close of a general article to the work of the national historical society, the American Historical Association. That body has taken upon itself the work done in European countries by government agency, and its Historical Manuscripts Commission has contributed to the last report of the Association two collections of documents of the very highest value, the letters of Phineas Bond, British Consul at Philadelphia, to the Foreign Office of Great Britain from 1790 to 1794, and the Mangourit Correspondence in respect to Genet's projected attack upon the Floridas in 1793-94. At the last annual meeting of the Association it was resolved that the Association should adopt the *American Historical Review*, and this concentration of those interested in history is likely to produce good results for historical scholarship. Of the *Review* itself it does not beseem the writer of this article to speak, but the fact that the American Historical Association has resolved to issue it quarterly to its members as part of the return for their subscriptions may be taken as a testimony to its usefulness, and promises a larger sphere for its operations. It is one of the gratifying features in regard to both the American Historical Association and the *American Historical Review* that their work receives the hearty coöperation of Canadian historical scholars. But Canada has shown that much good historical work is produced on the

\**The History of Greece*, by Adolf Holm, translated from the German by Frederick Clarke. 4 vols., pp. xvii, 432; xvi, 535; xiii, 456; xiii, 636. New York, The Macmillan Co.

†*Pausanias's Description of Greece*, translated with a commentary by J. G. Frazer. 6 vols., pp. xcvi, 613, 582, 652, 447, 639, 199. New York, The Macmillan Co.



other side of the border line, and an excellent summary of the books and articles in periodicals on Canadian subjects written in 1898, has been produced by Professor George M. Wrong and Mr. H. H. Langton in the third volume of their *Review of Historical Publications relating to Canada*, published by the University of Toronto.

H. MORSE STEPHENS.

CORNELL UNIVERSITY, ITHACA, N. Y.

#### THE GOSPEL FOR A WORLD OF SIN.—BY HENRY VAN DYKE.

OUR readers will remember Ezekiel's vision of dry bones. Jehovah, he says, set him down in the midst of a valley of dry bones, and they were very dry; and Jehovah told him to prophesy; and when he prophesied the bones were clothed with sinews, and when, at Jehovah's direction, he prophesied again, breath came into them and they lived and stood upon their feet an exceeding great army. Which may serve as a parable capable of various interpretations, one of which is this: the bones are theology; the prophet is the spirit of poetry which clothes the theology with flesh and breathes into it the breath of life. This is what Dr. Van Dyke has done in *The Gospel for a World of Sin*. It is a poet's interpretation of theology.

Religion has many forms of expression. Robert Browning is no less a religious writer than John Calvin; the teaching of *The Ring and the Book* is as truly religious as that of *The Institutes*. Unfortunately, the ministry have too generally expressed religious truth in the formularies of philosophy, and not infrequently in those of metaphysics. Now metaphysics is precisely that form of thought which appeals least to the ordinary man and is least understood by him. Few men are trained to think in abstract forms, and when religion, which is an applied art, is translated into metaphysics, which is a pure science, the untrained man comprehends it but little and cares for it less. When Henry Drummond retranslated theology into scientific formularies as he did in *Natural Law in the Spiritual World*, calling depravity degeneration, regeneration biogenesis, sanctification growth, grace environment, and righteousness conformity to type, the scientific and semi-scientific man understood and appreciated him. It is this which gave to this remarkable book its remarkable value—not the philosophy stated with some elaboration in the introduction, which many readers wisely skipped and few philosophic thinkers have accepted. In *The Gospel for a World of Sin*, Henry Van Dyke states religious truth in literary forms and so commends them to men accustomed to literary forms of expression. His volume would be still more valuable if he had done this more completely. In Henry Drummond the theologian was hidden altogether behind the scientist's dress; in Dr. Van Dyke the theologian and the literary man are both seen, not completely merged but appearing in an alternating personality. The theological thinker will criticise him because he is not more a theologian; the literary reader would value him more if he were less a theologian.

Let us take the theological point of view first. The theologian will object to the declaration that Christianity "presents no doctrine of the origin of evil. It tells us only how it came into the world, and what it means in the life of man." The conservative theologian will reply that Paul declares in Romans, chapter five, that its origin is Adam's fall; the progressive theologian will affirm that Paul in Romans, chapter

seven, attributes its origin to the animal nature from which man is being evolved. Again, "Sin," says Dr. Van Dyke, "is not a thing to be defined. It is a thing to be felt." To this the theologian will object that it substitutes vague feeling for clear thinking. The feeling he will insist must be defined and he will cite in support of his contention the definition of James: "Sin is lawlessness." Disease he will say must be felt; but it is the business of the physician to define it, for all true therapeutics must rest upon and be determined by diagnosis. Again: "They (the apostles) taught that without the death of Christ forgiveness would not have been what it is. They taught it because they felt it." True, the theologian will reply; they taught it because they felt it, but they did not merely express their feeling. They taught a definite doctrine, this, namely, that divine forgiveness is achieved through the sacrifice of the Son of God.

And the theologian will be correct *from the theological point of view*. If *The Gospel for a World of Sin* is a treatise in theology, that is if it is a treatise on the philosophy or metaphysics of religion, it is defective. But that is just what it is not. There are a great many such treatises, and there will probably be a great many more. This is, or purports to be, a statement of the Gospel, not a philosophy concerning it. And a statement of the Gospel and a philosophy of the Gospel are two quite different things; as a prescribed course of hygiene is different from a treatise explaining the nature and conditions of disease.

Let us then take the other, the non-philosopher's point of view. If the theologian does not find a scientific definition of sin, the layman will find an account of it far more impressive to most readers than even the admirable definition afforded by the Westminster Shorter Catechism: "Any want of conformity unto or transgression of the law of God," and expressed in a form as brief: "There are four elements in a true sense of sin: Shame, pain, fear and hope." This is admirable and the elaboration of it is equally admirable. It treats sin as an experience and defines it in terms of experience. For each one of these elements Dr. Van Dyke might easily find in the great dramatists a vital illustration. Take again the author's account of the experience of the primitive Christians. It is an excellent summary and full of the very life which it so graphically portrays: "The world looked to them like a new place, and they felt like new men. Sorrow was changed. Instead of a hopeless burden of affliction, it had become the means of working out for them a far more exceeding and eternal weight of glory. Death was changed. Instead of a gloomy shadow enveloping the end of all things, it had become the gateway into a world of light. Duty was changed. Instead of an impossible compliance with an inexorable law, it had become a new obedience with divine help to accomplish it. They felt that they had received power in the inner life to become sons of God. And the chief element in this power, according to their own testimony, was the sense of deliverance from the weight, the curse, the condemnation of their sins through the work of the Lord Jesus Christ." This is not metaphysics, it is literature; but it will give the non-theological reader a clearer conception of what the New Testament writers meant by salvation than this definition from the Assembly's Shorter Catechism: "They that are effectually called do in this life partake of justification, adoption, sanctification, and the several benefits which in this life do either accompany or flow from them." Yet again, the theological person will very possibly object—some theological persons certainly will object—to Dr. Van Dyke's implication that atonement is theologically synonymous with reconciliation; but the quotation from Shakespeare's Richard III. will throw light, for the non-theological person, on the doctrine of atonement which scholastic theology has only obscured by its definitions.

Ay madame ; he denies to make atonement  
Between the Duke of Gloster and your brothers.

These citations may serve to illustrate if they do not justify the opening paragraph of this review, and to indicate, though in necessarily fragmentary manner, the basis on which our judgment of it is founded. *The Gospel for a World of Sin* is a book of religion rather than that of theology, that is, a book which interprets the religious life through literary rather than through philosophic forms. But it is an interpretation rather than an expression of experience. The greatest contributions to religious literature are those which have been wrought out of experience through much travail of soul. This is not such a book. But it takes an honored place among those books which through the author's sympathetic and poetic insight interpret the soul's sin-sickness to itself and indicate where and how it may find remedy for its mortal hurt.

LYMAN ABBOTT.

### AMONG THE COLLEGES.\*

MR. W. J. BLANKINSHIP has been appointed Professor of Botany in the Agricultural College of Montana.

MRS. SIMON REID, of Lake Forest, has expressed her intention of giving to Lake Forest University a chapel and a library.

CHARLES EDWARD ST. JOHN, Ph.D., has been appointed to the professorship of physics and astronomy in Oberlin College.

THE celebrated Haven case is finally settled by the Supreme Court, construing the will so that Smith College will get \$37,000.

A BILL has passed the Kansas Legislature appropriating \$55,000 for the erection of a new chemistry building at the State University.

ALEXANDER ANDERSON, Professor of Natural Philosophy in Queen's College, Galway, has been appointed President of the institution.

\* In order to make this section of BOOK REVIEWS as complete as possible, the editor asks for the coöperation of college authorities. Properly authenticated news will be printed of all changes in college faculties, changes in instructorships and important college news.

PROFESSOR HENRY S. CARHART, of the Department of Physics of the University of Michigan has been granted a year's leave of absence.

THE Woman's College of Baltimore, will receive between \$25,000 and \$50,000 as the residuary legatee of the late George R. Berry, of that city.

PROFESSOR W. V. BRANCO, of Hohenheim, has been called to the Chair of Geology and Paleontology in the University of Berlin, as successor to Professor Dames.

MR. JOHN D. ROCKEFELLER has offered \$100,000 to Denison University, Granville, Ohio, if the friends of the institution will, within the next year, raise the sum of \$150,000.

THE further sum of £25,000 has been promised to the Birmingham University on condition that £225,000 are obtained within a year. The amount already promised is £135,000.

MRS. FREDERICK C. T. PHILLIPS, of Lawrence, L. I., has given Harvard University an endowment of \$50,000, the in-

come to be used for the purchase of books in English literature.

SIX new scholarships of \$100 each have been established in the Sheffield Scientific School of Yale University. They will be awarded to members of the graduating class who stand highest in scholarship.

THE total registration of Cornell is now 2,038, a gain of about 200 over last year. Of this number 1,305 are from New York State, while the remainder represent forty-five states and territories and nineteen foreign countries.

THE Teachers College, Columbia University, will erect, at a cost of \$350,000, a building for its model school, the Horace Mann School. This will give, in its present buildings, more ample accommodations for the regular courses.

DR. JOHN T. NICOLSON, Professor of Mechanical Engineering in McGill University, has accepted an appointment to the Chair of Mechanical and Electrical Engineering in the great Technical College recently established at Manchester, England.

MISS CATHERINE WOLFE BRUCE has, through Professor J. K. Rees, given \$10,000 to Columbia University, to be used for the measurement and discussion of astronomical photographs. Miss Bruce's gifts to the Department of Astronomy amount to \$22,100.

It is reported that the sum of over \$250,000 has been subscribed toward an endowment for Brown University. A committee is endeavoring to collect \$2,000,000, which it is intended to devote to strengthening the departments already existing in the university.

It is said that the candidates for the Chair of Physiology at Edinburgh, vacant by the death of Professor Rutherford, include Professor E. A. Schäfer, Dr. William Stirling, Dr. D. N. Paton, Dr. E. Waymouth Reid, Dr. E. W. W. Carlier and Dr. G. N. Stewart.

TWO MILLION DOLLARS will be raised by the Vassar alumnae of New York and other cities to enlarge the scope of the college and to insure the retention of President J. H. Taylor. \$1,000,000 is already assured for an infirmary, enlarged gymnasium and minor improvements.

At the Normal College meeting a professor of Greek and Latin was chosen to succeed the late Professor Arthur H. Dundon, who was attached to the college for many years. His successor will be Professor George M. Whicher, who since 1892 has been attached to the Packer Collegiate Institute, in Brooklyn.

THE College of Agriculture of Cornell University will conduct a school of nature-study at Ithaca for six weeks, beginning July 6th. Nearly 25,000 teachers in New York State are now receiving, at their own request, the Nature Study publications of the College of Agriculture, and it is believed that many will be glad to attend a summer school devoted to this subject.

THE Legislature of Nebraska recently passed a bill appropriating to the State University of Nebraska the proceeds of a tax of one mill per dollar upon the grand assessment roll of the State. It is estimated that this tax will yield the University \$168,000 a year. The total registration of the University, including preparatory schools, during 1897-98 was 1,915.

WE recently announced that Mr. Robert S. Brookings had offered to give \$100,000

to Washington University, St. Louis, on condition that \$400,000 be subscribed by others. This sum has now been given and the \$500,000 has been added to the endowment fund of the undergraduate department. This is in addition to the \$450,000 given for buildings recently.

THE committee on fellowships of the American School at Athens announces, through its chairman, Professor B. I. Wheeler, of Cornell, the appointment of Miss Harriet A. Boyd, at present a student in Athens, to the Agnes Hoppin Memorial Fellowship for the year 1899-1900. This fellowship is open to women graduates of all American colleges, and includes \$1,000 a year.

PROFESSOR LOUIS F. HENDERSON, Professor of Botany in the University of Idaho, at Moscow, Idaho, has recently donated to the botanical department of Cornell University a complete set of his duplicates of the phanerogams and ferns of Idaho. Over 900 species were contained in the collection, making it one of the most valuable single local collections that the University has received. Professor Henderson is an alumnus of Cornell University, class of '74.

SIR WILLIAM MACDONALD has made another munificent gift to McGill University. The gift is for the School of Mining and provides for a lecturer, a demonstrator, an assistant and a complete staff of mechanics, which, with his recent endowment of the professional chair, gives that department a complete staff. It also provides for the establishment of a Summer School in Mining. Sir William's present gift is about \$400,000, and it raises the total amount that he has given to McGill University to over \$3,000,000.

PRESIDENT WILLIAM R. HARPER, of the University of Chicago, has made a re-

quest for more money. He says the University needs \$9,000,000, to be applied as follows: For a law school, \$1,000,000; for technological schools, \$2,000,000; for medical schools, \$3,000,000; for gymnasium, summer and winter ball fields and maintenance funds, \$500,000; for library building and maintenance fund, \$1,000,000; for student club and commons and maintenance fund, \$250,000; for assembly hall and maintenance fund, \$250,000; to secure John D. Rockefeller's conditional gift of \$1,000,000 by January 1, 1900, \$1,000,000.

AMONG foreign appointments we note the following: Dr. Curt Hassert, of Leipzig, has been appointed Associate Professor of Geography in the University of Tübingen; Dr. Geppert, of the University of Bonn, Professor of Pharmacology in the University of Giessen; Professor Schilling, of the Institute of Technology at Karlsruhe, Professor of Mathematics in the University of Göttingen; Dr. Georg Karsten, of Kiel, Associate Professor of Botany in the University of Bonn, and Dr. Dove, of Berlin, Professor of Botany in the University of Jena. Dr. Georg Bohlmann, Docent in Mathematics in the University of Göttingen, has been promoted to a professorship.—*Science.*

At the University of Kansas the following promotions have recently been made: William C. Stevens, Associate Professor of Botany, to Professor of Botany; Edward C. Franklin, Associate Professor of Chemistry, to Professor of Physical Chemistry; Arthur St. C. Dunstan, Assistant Professor of Physics, to Associate Professor of Physics; Marshall A. Barber, Assistant Professor of Botany, to Associate Professor of Bacteriology and Cryptogamic Botany; George Wagner, Assistant Professor of Pharmacy, to Associate Professor of Pharmacy; Samuel J. Hunter, Assistant Professor of Entomology, to Associate Pro-

fessor of Entomology; Walter K. Palmer, Assistant in Graphics, to Associate Professor of Mechanical Engineering; Edward Bartow, Instructor in Chemistry, to Associate Professor of Chemistry.—*Science*.

CHARLES ALFRED GRAVES, Professor of Law in the University of Washington and Lee, Lexington, Va., has been called to the Chair of Common and Statute Law in the University of Virginia, as successor of the late Professor Walter D. Dabney. Professor Graves will assume his chair at the beginning of the session which opens September 15th. With the beginning of the next session will go into effect a reorganization in the school of modern languages by which the studies of old English and German will be combined in one chair to be known as the school of Teutonic languages, and the studies of French, Spanish and Italian will form a chair known as the school of Romance languages. An incumbent of the Chair of Romance Languages will be chosen at the meeting of the Board of Visitors in June. Dr. James A. Harrison will be Professor of Teutonic Languages.

MR. WILLIAM K. VANDERBILT has lately made a donation of \$100,000 to Vanderbilt University for the erection of a dormitory on the campus. This is the fourth donation made to the University by members of the Vanderbilt family.

The first donation was \$500,000 made by Mr. Cornelius Vanderbilt in 1873, which was in subsequent years increased by him to \$1,100,000. A portion of this sum was used for the purchase of a site for the University and the erection of the main building, observatory and professors' residences but the larger part has been used as an endowment.

The endowment was increased by William H. Vanderbilt, son of the founder, Wesley Hall, Science Hall and the gymnasium being by this means added to the

buildings on the campus. The total donations of Mr. William H. Vanderbilt amounted to \$450,000.

In 1888 Mr. Cornelius Vanderbilt, grandson of the founder, made a donation of \$30,000 for the erection of a building for mechanical engineering and for the enlargement of the University library.

The service rendered to the University by Mr. William K. Vanderbilt is most timely. For several years the present dormitories have been inadequate. The new dormitory will be a four-story building, constructed according to the most approved modern plans for such buildings, and will be capable of accommodating one hundred and seventy-five students.

M. HENRI MOISSAN has published for the Council of the University of Paris a report on its work during the year 1897-8. The increase in the number of students at periods of six years is shown in the accompanying table:

	1885-86.	1891-92.	1897-98.
Medicine . . . .	3,696	4,250	4,494
Law . . . . .	3,786	4,111	4,607
Pharmacy . . . .	1,767	1,547	1,790
Letters . . . . .	928	1,185	1,989
Sciences . . . . .	467	655	1,370
Protestant Theology	35	36	95
Total . . . . .	10,679	11,784	14,346

It will be noticed that the growth in the number of students of science is the greatest, and the increase has been more than maintained during the present year, being 127 as compared with 85 in letters. It should be recollected that there are many important institutions for higher education in Paris—The Collège de France, The Museum of Natural History, The School of Mines, the Normal College, The Polytechnic Institute, The School of Fine Arts, the Pasteur Institute, etc.—not included in the University. Paris is thus certainly the world's largest educational center, but the provincial universities are less important than the cor-

responding institutions in other countries. The gifts to the University during the year, about \$30,000, appear small in comparison with those to American institutions. There are only 202 scholarships, which is also relatively fewer than in America and in Great Britain.—*Science*.

A DECISIVE step has been taken by Toronto University in the direction of post-graduate studies in the **Toronto** establishment by the Senate of the degree of Doctor of Philosophy. For some years a good deal of graduate work has been done here, especially in the scientific departments in philosophy and in oriental languages. But students pursuing such studies, and naturally looking forward to appropriate academic recognition, have hitherto had no opportunity of securing this end in Toronto, and have gone in considerable numbers to Germany and the United States to become graduates of some more favored institutions. It has been felt for some time that this system, or absence of a system, is unjust both to the students and to their college. Hence the recent adoption of post graduate courses with this degree as the goal.

As yet, however, not all the departments are embraced in the system. Classics, mathematics, history and modern languages are not included, as the heads of these departments prefer to wait till greater facilities and a larger equipment are available. One of the two minor subjects required for the degree may, however, be chosen from these departments.

By taking this step Toronto University has finally decided to break with its traditions, which were all in favor of using its full strength for the B.A. course. The movement, moreover, has not been made merely for the sake of retaining its aspiring students and satisfying their reasonable demands. It is the result of the necessary development of academic teach-

ing under the Ontario system of education, of which the University is the completion and crown. An essential factor in the process of expansion is the influence of the High Schools and Collegiate Institutes. Even if the University authorities were indifferent to the situation, pressure would crowd upon them from below that pressing them upwards. The increasing number of the honor matriculants, and their perpetually rising standard of efficiency, have for years past been telling on the University curriculum, so that the work of the last undergraduate is in most departments practically of a post-graduate standard. There is no disposition, however, on the part of the promoters of the new movement to lower the B.A. standard. Its efficiency will rather be cherished as the assured basis and guarantee of the soundness and thoroughness of the courses leading to the degree of Ph.D.

The above statements may help to correct the impression which has somehow got abroad that Toronto has set its face against post graduate studies, as is shown, for example, in the following from a late number of the *Educational Journal*, of England. "The University of Toronto prefers to keep its position in the front rank of universities doing undergraduate work to jeopardizing its status by embarking upon graduate work." What Toronto mostly needs is a goodly number of graduate scholarships. In library and especially in scientific equipment its recent development is encouragingly rapid.

An interesting feature of the student life of Toronto during the present session has been the inauguration of intercollegiate debates. For many years there has been an annual debate between University College and McGill College, Montreal. This year six colleges in Toronto, most of them federated or affiliated with Toronto University, have held a series of debates among themselves. The final contest was

decided by the victory of University College over Knox College, Professor Goldwin Smith, Professor Clark, of Trinity College, and Principal Hoyles, of the Law School, being the judges. These events are significant, as heretofore Canadian students have paid much less attention to extempore speaking than have their contemporaries to the south of the line.

WITH the beginning of senior singing on the steps of Nassau Hall, on April 12th,

### Princeton.

it may be said that the summer season opened in Princeton. A characteristic feature of this university is the out-door life led by the students. The first warm day changes the whole aspect of the place. It is a pleasure to see the many-colored sporting garments appear and the faces of the men turn brown inside of a week. Princeton is ineradically athletic. At the first breath of spring the Seniors spin tops for two days and play marbles in front of Reunion. After this ceremony, the campus, with its hundreds of green acres is covered with golfers, tennis players and ball players. The lack of an adequate gymnasium makes the men appreciate their opportunities for open-air exercise. It is unfortunate, however, that many of those most in need of physical training, are content to sit on benches and "watch the 'Varsity play."

In respect to scholarship the winter has been uncommonly successful. It is said that the mid year examinations showed an unusually high degree of excellence. Among the causes of this may have been the influence of a Senior class which is considered to be somewhat more intellectual than the average, and has certainly been effectual in guiding college opinion and action. Another cause may be found in the stimulus to the more ambitious men afforded by the new seminaries for advanced work. It is realized by the undergraduates that it will be a valuable privilege to be allowed to study in the seminaries

side by side with the graduate students. This feeling at the top seems to have worked its way downward. The library facilities are this year enormously superior to what they ever were before. The great octagonal reading-room is doing good service, especially at night.

To the number of seminaries already completely or partly equipped must be added the Romance Seminary, the endowment of which has been undertaken by the Class of '90 as their decennial gift to the University. Large orders for books in French, Italian, Spanish and Provençal, and in Romance Philology, are being filled and it is expected that the seminary room will be furnished and partly stacked before Commencement.

The Seminary in Economics and Social Science, which has an endowment of \$13,000 is already furnished and partly equipped.

The following courses are being given this term in the Classical Seminary, to which eight graduate students and fourteen Seniors have been admitted: A course in Mediæval Latin, by Professor West; one in Greek Lyric Poets, by Professor Winans; one in Justinian, by Professor Westcott; one in Historical Grammar, by Professor Robbins; one in Virgil, by Professor Carter; and one in the Epistles of Horace, by Professor West.

Towards the equipment of the Mathematic Seminary the following sums have been given recently: \$1,000 by Hon. John L. Cadwalader, '56, of New York; \$1,000, by Dr. M. Allen Starr, '76, of New York; \$500 by Thomas B. Jones, '76, of Chicago; \$500 by David B. Jones, '76, of Chicago, and \$500 jointly by Chandler W. Riker, '76, of Newark, and Hon. Adrian Riker, '79, of Newark. This money is being used for the immediate purchase of books. The sets of mathematical journals now possessed by the Library have been transferred to the seminary room. When these have been



supplemented by the present purchase the seminary will possess complete files of all the more important mathematical journals and proceedings of mathematical societies, including Crelle, Liouville, le journal de l'Ecole Polytechnique, and Mathematische Annalen.

In the English Seminary Professor Perry is giving a course on the history of English Literary Criticism and Mr. Bayard Tuckerman, on Periods of Eighteenth Century Literature.

Mr. J. B. Hatcher, head of the Princeton expedition for geological research in Patagonia, has returned from his third trip, with splendid results. He and his assistants have procured an immense amount of material, more perfect as specimens of fossil mammals than any now in the museums. Their four years of work have been as fruitful in ornithological discoveries as in anything else. About 450 birds have thus far been sent north, among them over 100 distinct varieties never before found. Mr. W. E. D. Scott, author of a work on "The Birds of North America," which has been published recently, has been appointed Curator of the ornithological collection in the School of Science.

Other recent appointments are: Henry van Dyke, of New York, to be Murray Professor of English Literature; Assistant Professor H. S. S. Smith, to be Full Professor of Applied Mechanics; Assistant Professor W. B. Harris, to be Full Professor of Geodesy, and Mr. Ulric Dahlgren, to be Assistant Professor of Histology.

Among public entertainments recently given have been two lectures by M. Edouard Rod, on "Shakespeare en France" and "Le Drame Romantique;" several lectures by Mr. Laurence Hutton, of Princeton; a concert by Mr. and Mrs. William Nassua, of Philadelphia, and the concert which closed the Princeton series by the Kneisel Quartet.

In addition to the \$100,000 endowment of the new Murray Professorship of Eng-

lish Literature, established in honor of the late Dean, the general funds of the university have recently been increased by contributions from various sources amounting to \$65,000. It is expected that the new dormitory, Stafford Little Hall, will be ready for occupancy by the opening of next term. In style and material it matches its neighbor, Blair Hall, and was designed by the same architects, Cope & Stewardson. They are of the late Gothic type in which most of the handsomest English colleges were built. It seems unlikely that with such models now on her campus Princeton will ever revert to the eclecticism which prevailed in the architecture of her buildings from 1886 to 1896.

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A REARRANGEMENT of the curriculum under a new principle has been one of the distinctions of the present year. Under the old and new plans alike, the sophomore and freshman work is prescribed by the faculty, while a liberty of election practically absolute is conceded to the seniors and juniors. Under the old plan, however, the arrangement of prescribed studies was somewhat irregular and inconsecutive; subjects were suspended and resumed with more regard to variety than order; the classical course, for example, would omit a term of Greek in one place or of Latin in another. The new plan is based on the principle that a general subject such as Greek or mathematics shall, if pursued at all, be pursued without interruption through the year. The classical course has, broadly speaking, the same program for each of the three terms of the freshman year; the same is true of the sophomore year and of the other academic courses. This plan has retrenched some of the minor studies, which the laxity of the old plan permitted to encumber and perplex the course; and a new system, superior in order and simplicity, more comprehensible and more coherent, has replaced the old complexity.

This innovation coincided in point of time with the addition of a fourth course to those already offered in the College of Science, Literature and the Arts. The new course, which leads to the degree of Bachelor of Philosophy, is called the "civic," and traces its origin largely to the department of political science. The theory of the situation was this: students whose preparation and tastes were classical or literary were well accommodated in the classical and literary courses; all the rest, including many persons whose bent and talents under greater scope of choice might have taken different and various directions, were absorbed by the scientific course.

The civic course provides work for such of these as are anxious to prepare themselves for business or public affairs—in a word for life. Prominence is given to political science, to history and to psychology and logic. A recent amendment to the original scheme permits the election of two terms of political science in the sophomore year; by this means the department of political science which, under the able conduct of Dr. W. W. Folwell and Dr. Frank McVey, is a source of great and increasing pride to the University, is enabled to deepen its foundations by reaching down into the lower strata of the course, and is released in some degree from that almost exclusive attention to the mere elements of politics and economics which the shortness of the previous courses rendered almost unavoidable.

The headship of the Department of English Literature, vacant since the election of Professor George E. McLean to the Chancellorship of the University of Nebraska two or three years ago, was under-taken at the beginning of the present year by Dr. Richard Burton, a man qualified in the amplest sense to adorn and help the institution. Known to the public through literary work in prose and verse, Dr. Burton had won the particular regard

of Minneapolis people by a series of lectures on fiction delivered in the winter of '97-'98 to the students of the University. His class-room work for the present year has included English criticism, Bible study, the growth of the essay, Shakespeare, Tennyson and fiction. One of the objects in view has been to give distinction to what is modern and recent in English literature emphasizing, though in no biased or exclusive way, the literary growths of the last half century. Dr. Burton proposes also to compact and solidify the teaching of the department by filling gaps and rounding out the entire course into proportion. Literature in the university has felt the invigoration of his touch; classes mounting into the hundreds have strained and over-strained the capacities of his recitation room, necessitating in the third term a removal, for part of the work, to larger quarters.

The College of Law, in spite of the loss of a large number of students by military enlistment, has this year sustained and even exceeded its former numbers. The present roll includes about four hundred and fifty students. The system of free case-books, under which the reports of English and American law-cases are put into the hands of the students for personal use by the authorities, has been introduced this year and has proved of great advantage to the efficiency of the work.

The year at the University has been marked by prosperity and harmonious action as well as by the usual plenitude of numbers. The present registration in all departments is about twenty-nine hundred, a number just exceeding the total of the previous year.

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THE social life of Radcliffe College finds expression chiefly in its many clubs, such as those of Music, History, Radcliffe. Philosophy, Science, French, German, Graduate and so on. At these clubs women of kindred interests

meet at stated intervals to listen to the reading of papers written by their own members or by invited guests. General discussion and informal social times over light refreshments follow the reading of the paper. Many of the women belong to several clubs and in this way have an opportunity to talk over with their fellow students the work of their various courses as well as to make intimate friendships with a much wider circle of friends. Then there are large clubs, such as the Idler Club, which are purely social in function and include as membership practically the entire enrollment of Radcliffe College. Radcliffe College is a thoroughly democratic institution and at the Idler Club, one sees mingling with the utmost cordiality, women from all parts of the country and with all sorts of traditions. At the Idler, a short play, usually written by some Radcliffe girl, is acted by several Radcliffe girls to the amusement and the elation of their fellow colleagues.

Radcliffe has an unusual amount of literary and musical talent, so much so indeed that the Operettas, given each year by its women for the purpose of raising scholarship funds, are fast winning fame. Mr. Rolfe, the well-known Shakespearian scholar and editor, considers that some of them excel anything of the sort produced anywhere in modern times.

At a mass meeting of the Radcliffe students it was decided a short time ago to establish a college paper. The first issue will appear in June. Up to this time Radcliffe has depended upon the department as signed to her in the *Harvard Graduates' Magazine* and an occasional notice in the *Harvard Crimson* for an opportunity to keep in touch with her own graduates and other friends who now reside at distances from the college. But these scant spaces gave no opportunity for the publication of Radcliffe student literature. This new publication will contain graduate news, items of current college interest as

well as the best literary work of the College. Hence the new publication will be a magazine somewhat resembling the *Harvard Monthly*.

After leaving College, the Radcliffe woman seems, in a large measure, to concern herself with practical questions and philanthropic movements. For example, to leave out of consideration the college settlement work in Boston in which Radcliffe girls take so large a part, we find in New York City alone three Radcliffe students of former days at the head of three College Settlements—Miss Ovington is the head worker at the Greenpoint Neighborhood Settlement, Mrs. Simkhovitch is at the head of the Friendly Aid House, and Miss Green of the Hartley House. Miss Vida Clark is Assistant Secretary of the New York State Charities Aid Association. Miss Breed is assistant of the Associated Charities of Cambridge, Mass., while Miss Ida Eliot and Miss Bush are both connected with the work of the Boston Associated Charities. The large audience which greeted Miss Jane Addams, of Hull House, Chicago, in her recent address before the Emmanuel Club of Radcliffe, testifies to the interest of the present Radcliffe girl in her opportunities to aid and uplift her less fortunate fellowmen.

THE requirements for admission to Harvard College have again been returned to the Faculty by the Board of Harvard. Overseers, accompanied by the following: *Resolved*, That the proposed plan for admission to the College be again submitted to the Faculty of Arts and Sciences, with the recommendation of the Board of Overseers that history be not dropped from the list of studies required for entrance to the College, and with authority to adopt and apply the same without further reference to this Board, after such modification."

According to the plan proposed last year by the Faculty both algebra and history

were placed on the elective list. The plan was returned to the Faculty by the Overseers with the suggestion that algebra and history be put upon the prescribed list. This suggestion was partially met by the Faculty in the restoration of algebra to the prescribed list. The Overseers still adhere to their former views concerning history and state as their reason for so doing that "it is not believed that an educated man can safely regard himself simply as a horizontal slice of the present, but rather should be taught to realize that he is deeply rooted in the past, and that nearly every opinion and prejudice that he is called upon to encounter to-day has had at least its prototype in the past, and for a graduate of the College to properly discharge his duties of citizenship, some knowledge of history comes next in importance to a knowledge of how to write and speak English correctly and with force." If the Faculty concurs in the last amendment of the Overseers to the effect that history also be prescribed for admission to Harvard College then the new requirements for admission may go into effect as soon as the Faculty vote is passed.

The new definitions are found in the catalogue of the present year. The most important difference in principle between the new requirements for admission and the old, a difference which the Board of Overseers has approved, is that students who enter Harvard College without Greek will no longer be forced to substitute for Greek only subjects in advanced mathematics, physics or chemistry. But according to the new scheme Greek may be replaced by both advanced French and German or by an advanced modern language and advanced history. A second way in which the substitute for Greek is rendered easier is that elementary Greek is made to count for admission one-fourth less than elementary Latin, instead of equal to it as hitherto. Of the total 26 points which a student must offer for admission only 16

points are prescribed. Elementary physics is no longer required of all candidates and may be replaced by an equivalent amount of elementary chemistry, physiography, physiology or astronomy.

In the March *Graduates' Magazine*, Professor Taussig tells how such a large class as Economics I. is managed at Harvard. This course is now chosen regularly by 450 to 500 students. The old method of dividing the course into sections for all the instruction given has been replaced by a method of lectures and oral exercises. Two lectures are given each week to the whole enrollment in one large room. The third hour each week is met by fifteen moderate sections. In these sections the student's knowledge of the lectures and prescribed reading is subjected to a twenty minutes' written test. The remainder of the hour is spent in oral discussion. By this method continuous slighting of the work on the part of the student is impossible, while each student is given frequent opportunity to ask questions and thus clear up any haziness as the course moves on.

The first session of the Harvard Summer School of Theology will be held in Cambridge during the coming July. In addition to the three regular courses offered there will be a number of evening lectures of a more general character given by a number of eminent preachers and teachers of theology, history and philosophy.

Besides the eminent English economic historian, Dr. Cunningham, who is this half year giving courses in the place of Professor Ashley, we have had with us two other distinguished guests from abroad, namely, M. Rod, who, under the auspices of the Cercle Français of Harvard, has given a course of eight lectures on French dramatic poetry, and Baron von Holleben, the German Ambassador to the United States, also spent several days in Cambridge as the guest of Professor Münsterberg. Baron von Holleben is much in-

terested in the plan for the establishment of a Germanic Museum at Harvard, and his visit here was generously devoted to the furthering of that project.

The Harvard Dental School has received an unsolicited bequest of \$10,000. Up to this time much, if not practically all, of the funds raised for this institution have been obtained by direct or indirect solicitation. The professional help which the Dental School renders to the poor of the city of Boston can be seen by the number of cases treated by it last year. 9,000 operations were performed by it entirely free of charge, while for 9,000 more only a very small fee was charged.

The newly appointed Instructor in Naval and Military Science states it as his opinion that naval and military matters should not be studied separately, as has been the custom in the past; hence in the future at Harvard University, at least, they will be studied "connectedly as parts of one art." "Both," he says, "bear a necessary relation to the state of preparedness of the nation for war, and a wide plan of campaign cannot be laid down in the absence of a working knowledge of the methods and limitations of each service." In consequence, the study of naval affairs will be brought at Harvard into equal prominence with military tactics.

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THE Board of Trustees at their last meeting appointed thirty Fellows, distributed as follows: Nineteen on the **Pennsylvania**. George Leib Harrison Foundation, each Fellowship yielding \$500 cash and \$100 for apparatus together with free tuition; five Senior Fellows on the same Foundation, to receive \$800 each, and to devote their time chiefly to special investigation, and six to other Fellowships, ranging from \$500 to \$600 each, and open in part to women. Among other matters brought before the Board for discussion was the very commendable question of retiring allowances for professors

who have served the University over twenty years. The matter was referred to a competent committee for more definite report as to the most desirable form of action.

The University has recently received a number of important acquisitions. The Botanical Garden has received from the President and Trustees of Haverford College a valuable collection of living plants from the gardens of Mr. and Mrs. Jones, of Lancaster avenue, Philadelphia, who had collected the specimens on their various journeys in Europe. The library has received, among other things, the journal of Congress from November, 1787, to October, 1788, "Remarks on a Protest against Franklin's Appointment as the Agent for the Province of Pennsylvania in Europe," written by Franklin himself, and a "Sermon on the Present Condition of American Affairs," delivered by the first Provost, William Smith, in 1775; also a collection from the medical library of the late Dr. Pepper, presented by his son, Dr. William Pepper. Provost C. C. Harrison presented a number of valuable pamphlets. Dr. H. D. Vail, sometime Professor of Mathematics at Haverford, donated the Climatological Records taken at Santa Barbara, Cal., between the years 1888-1898. Letters and papers, foreign and domestic, of the reign of Henry VIII., 23 volumes, collected by J. S. Brewer, were purchased, likewise the Memoirs of the Royal Geographical Society of England, and other works relating to English history. The Architectural Library has added to its collection "Old Dutch and Flemish Masters," and "Italian Masters," by Cole and Van Dyke, "The Beaux Arts' Series on Fine and Industrial Art," 30 volumes.

In addition to his regular series, M. Edward Rod gave a lecture on "Cyrano de Bergerac," to encourage the formation of a Cercle Français in Philadelphia. Dr. Talcott Williams delivered his third lec-

ture in the International Law Course on "The Doctrine of Interference in America." Professor H. L. Carson is giving a course of lectures on "Dentistry as a Branch of Medical Jurisprudence."

Among the recent guests entertained by the Faculty Club were M. Rod, of Paris; Professor Morse Stephens, of Cornell University; Professors Munro and Bumpus, of Brown University, and Professor Geddes.

The annual reception of the Phi Beta Kappa Fraternity was attended by a large number of representatives of other institutions, the Chairman, Mr. J. G. Rosen-garten, arranged an extempore symposium in which a number of speakers took part.

The Stewardson Memorial Scholarship in Architecture has been awarded to Arthur A. Brockie. The subject of the competition was "A Museum and a School of Architecture." This scholarship yields \$1,000 and the holder must spend at least one year in travel and study abroad.

The drawings by Horace C. Dunham, loaned to the Academy of Fine Arts Exhibition, has been purchased for the use of classes in interior decoration in the Architectural Department.

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PRESIDENT LOW has been appointed a delegate to the International Peace Conference, and will sail for Columbia.

Europe early in May. Professor J. H. Van Amringe, the Dean of the College, will probably serve as acting-president during Mr. Low's absence. Two others of the official delegates from the United States are Columbia men, F. W. Holls, '78, and Captain Mahon, of the class of 1858. It is interesting to notice the growing tendency in this country to appoint college presidents and professors to high government positions of this sort. It will be remembered that Professor J. B. Moore, of the Faculty of Political Science, was called from his duties last year at the outbreak of the Spanish War

to become Assistant Secretary of State, and that he was one of the most important members of the Peace Commission.

Teachers College, the Faculty of the University that prepares for the profession of teaching as fully as the faculties of law and medicine do for their respective professions, has long maintained a high school department, the Horace Mann School, which gives an excellent preparatory training. By a recent gift the Teachers College has come into the possession of \$150,000, with which it purposes to erect a new building for the use of the school. The additional room thus furnished, taken in connection with the close relations with the professional school and the University, will probably place the school first in educational opportunities among the preparatory institutions of the Middle States.

The special committee on Commercial Education, appointed by the State Chamber of Commerce, has just made a report advocating the establishment at Columbia of a collegiate school of commerce, for which the Chamber of Commerce is prepared to make a subvention of at least \$10,000 a year, for a period of five years, and probably of a larger sum. The school is to be open to students of the grade of graduates from the high schools, and the course offered is to consist of the regular college studies, supplemented by courses in commercial geography, commercial history, domestic and foreign commercial law, and by courses more or less detailed in accounting. The scheme of studies is very carefully worked out, and the whole plan seems thoroughly practicable, both from the educational and the financial point of view. It is expected that the school will be opened in 1900-1.

Professor Brander Matthews is collaborating with Mr. Bronson Howard in a play entitled *Peter Stuyvesant*, which is to be produced in October at Wallack's Theatre. Professor Matthews will probably take advantage of his "sabbatical," which

comes next year and spend a good part of the year in study and travel abroad.

Professor Hyslop has just completed a set of interesting experiments which are intended to corroborate or serve as a check on the experiments made by the Society of Psychical Research with Mrs. Piper. A telegraph line was put up between two buildings of the University and an operator provided at each end of the line. Each person experimented on was placed at one end of the line and asked to identify an unknown person or persons at the other end of the line by the character of the messages sent. Several incidents occurring under these circumstances were highly amusing, and the results were not without scientific value.

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DR. JOSEPH CLARKE HOPPIN has recently been appointed to the Chair of Art and Archæology, left vacant by Mr. Richard Eliot Norton, who has accepted a permanent appointment from the American School at Rome as Director in Archæology. At the time that Mr. Norton opened the Classical Art Department at Bryn Mawr the College received a large gift to be spent in books and photographs, a most excellent collection of which has been made, a collection that, taken in connection with the famous Sauppe library, make the equipment of the Classical Department one of the best in the country:

It is not uninteresting to note that it is Dr. Hoppin who, in conjunction with his mother, has recently founded a Fellowship at the American School of Athens of the value of \$1,000, to be awarded annually to some woman who has already distinguished herself in classical study.

The Graduate Club of Bryn Mawr College is continuing the work of investigation into the attitude of foreign universities toward the higher education of women, which it began two or three years ago. In 1896, as a result of this work, the *Hand-*

*book of Courses Open to Woman in British, Continental and Canadian Universities* was published, under its auspices, by The Macmillan Company, and in the following year a supplement, bringing the *Handbook* up to date, was brought out, both edited by Dr. Isabel Madison. A new edition of the *Handbook* is now in preparation, and it is hoped that it will appear in April or May, in time to assist students intending to study abroad in the summer or autumn in the choice of a university or college which will give them the opportunities they desire.

There are now few universities which rigorously close their doors to women, so that the *Handbook* is practically a complete list of all important universities and colleges in Europe and Canada, and is the only book of the kind published in English. Its name will, therefore, be changed to the *Handbook of British, Continental and Canadian Universities*, with special mention of the courses open to women.

The *Handbook* gives a concise account of the organization of each university or college, the degrees it confers, its curriculum, its requirements for entrance, and the points in which these differ for men and women, the dates of the beginnings and endings of semesters or terms, the fees, the officials to whom enquiries may be addressed and a list of the professors and lecturers with the subjects they teach. It also forms a condensed history of recent educational movements. Items of interest for insertion in the new edition will be gladly received by the editor, Dr. Isabel Maddison, Bryn Mawr College, Bryn Mawr, Pa.

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MORE than ordinary interest attaches to the celebration of the seventieth birthday

of Dr. Edward Orton, which  
 Ohio. occurred on March 9th. As  
 first President of the University, as State  
 Geologist of Ohio for many years, as a  
 scientist of rare attainments, and as a man

of rare personal charm, Dr. Orton has always retained the admiration and the affection of the University, the community and the State. A fitting crown to his long and useful life was placed upon his brow last summer, when the American Association for the Advancement of Science made him its President, and he will preside over its deliberations when it meets in Columbus in August of this year.

The birthday celebration above-mentioned took the form of a dinner tendered Dr. Orton at the Columbus Club by his colleagues of the University Faculty. About forty gentlemen were at table. Ex-President Scott introduced the guest of the evening in a few fitting words, and Dr. Orton made a felicitous response, whose serene temper and wide sympathetic range went far to show him, in Holmes' happy phrase, "seventy years young."

The Department of Superintendence of the National Educational Association held its annual meeting in Columbus on February 21-23. Prominent schoolmen from all parts of the country were in attendance, the sessions were crowded and enthusiastic, and the meeting was a pronounced success in every way. Naturally, the university took part in the attendance and discussions. The session of Thursday evening was held in the University Chapel, the occasion being an address by President T. C. Mendenhall, of Worcester Polytechnic Institute, on "Some Neglected Factors and Forgotten Facts." Dr. Mendenhall was formerly Professor of Physics at Ohio State University, and old friends and new listened eagerly to his address, which was a frank though good natured criticism of various defects in school management.

President Canfield and Professor F. C. Clark, of the Department of Economics and Sociology, attended the fourth annual meeting of the North Central Association of Colleges and Secondary Schools, held in Chicago March 31st, and April 1st.

Professor Clark read a paper on "Commercial High Schools."

At the annual meeting of the Board of Trustees in April, several minor changes were made in the corps of instruction, and the budget was considered and given final form. The annual catalogue has at length appeared, after many vexatious delays arising from the necessary dependence on State printers, and makes a satisfactory if belated showing of the University's progress.

Along with some forty institutions of similar origin, Ohio State University held memorial services on Friday, April 14th, in honor of the late Senator Justin S. Morrill of Vermont, who is rightly called the "father of the land-grant colleges." The exercises were held in the University Chapel, and a bust of Senator Morrill, draped in national colors, was appropriately conspicuous on the platform. Hon. W. I. Chamberlain, President of the Board of Trustees, presided; and the two principal addresses were delivered by Hon. D. K. Watson, representative from the Twelfth Congressional district of Ohio, and Dr. Thomas J. Burrill, Professor of Botany at the University of Illinois. The feeling of the University may be best seen from the following telegram sent to Washington after Senator Morrill's death:

COLUMBUS, OHIO, December 28, 1898.

*Hon. Redfield Proctor,*

Washington, D. C.

Trustees, Faculty, and one thousand students of Ohio State University desire to express through you to the family of your distinguished colleague, Senator Morrill, their sympathy and condolence and to join in tribute of respect to the exalted character of the father and guardian of the national system of "Land Grant Colleges."

W. I. CHAMBERLAIN,  
*President Board Trustees,*

The McMillin fellowship of \$250, in economics, is now open to candidates;



the only restriction is that they must be graduates of this institution.

The University Library has recently been enriched by the addition of some 4,000 volumes of government reports, containing debates, texts of acts, treaties, messages, reports, etc. This notable gift was secured through the activity of Professor Knight and Secretary Cope, the latter of whom brought the matter to the personal attention of President McKinley.

THE examinations for the fall term of the present session of the Colleges of Tulane University closed on the 13th of January. The cause of this onachronistic extension of fall far into winter was the unavoidable delay in the opening of the University in October. By extending the winter term somewhat beyond its season, and therefore, perhaps, chilling the lap of spring a little for the undergraduate, and by saving time in many ways, the apparent loss will be fully made up.

The annual convention of the Southern Educational Association was held this year in New Orleans; and, on the last day of the meeting the sessions took place in Gibson Hall, in the University. On that day the members of the Association and of the Louisiana Teachers' Association were the guests of the University. The occasion was both pleasant and useful to those connected with the University, since it afforded them the opportunity of meeting educators from a wide territory and of exchanging views with them upon matters of mutual interest.

The Emperor of Germany has recently conferred upon Professor J. Hanno Deiler, of Tulane, the decoration of the Order of the Crown, of the third class in recognition of the value of his historical studies in reference to German immigration into America. And this is not the first time that a Tulane professor has received a foreign decoration. In 1896 Professor

Alcée Fortier was named Officer d'Académie, by the French government, for his various contributions to French literature and criticism.

Tulane University is supported by the income from its endowment fund and tuition fees. More than half of the students of the Colleges of Arts and Sciences, and Technology, however, are free students from the State of Louisiana. Since the University was founded and endowed by Paul Tulane, it has received some most generous gifts. Large donations aggregating more than \$600,000 have been made from time to time by Mrs. Josephine Louise Newcomb, of New York, for founding and endowing a college for young women, as a memorial to her daughter. She has added to the original plan a handsome building for the study of art, a beautiful chapel and a dormitory. In 1894, Mrs. Ida A. Richardson, a resident of New Orleans, gave the sum of \$150,000 for the erection and equipment of a new building for the Medical Department. This building is a memorial to her husband, the late Dr. T. G. Richardson, for many years the Dean of the Medical Department.

It is hoped that these gifts are the harbingers of others; for much is still needed for additions to the teaching force of the University, for enlarging the equipment, and for scholarships. A large library suited to meet the ever-increasing and imperative demands of modern education is a necessity. The opportunity is excellent for some one to add his name to the honored list of the benefactors of the University now engaged in the struggle for higher education in the South.

Among recent publications by members of the faculties of Tulane, is *The Infinitesimal Analysis*, Vol. I., by Dr. W. Benjamin Smith, brought out by The Macmillan Company. This volume is to be followed by two others. Professor Alcée Fortier's *Précis de l'Histoire de France*

will appear with the next month, also to be published by The Macmillan Company. Professor John R. Ficklen is soon to publish through the Werner School Book Company, *The Civil Government of Louisiana*.

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THE most recent event of considerable importance at McGill University was the

Convocation of the Faculty of Comparative Medicine and Veterinary Science. The Montreal Veterinary College was established some thirty-three years ago under Duncan McEachran, Fellow of the Royal College of Veterinary Surgeons of Great Britain, with the coöperation of such distinguished men as Sir William Dawson, Dr. George Campbell, a former Dean of the Faculty of Human Medicine, and others. From the first this school, owing to the advanced views on veterinary education held by its Dean and founder, made its standard high. It has always required three years' undergraduate attendance and work and matriculation examination, and this at a time when most of the schools in America were satisfied with a two years' course. From the commencement to the present the Dean, Dr. McEachran, has been the very soul of the institution, which accounts for the great success which has always attended this school. The Dean is not only a high class veterinarian, but a man who by natural gifts, education and social qualities was destined to take a high rank in any profession or walk of life. He has long been Chief Inspector of Live Stock for the entire Dominion of Canada and his advice to the government on all matters pertaining to live stock and agricultural interests has been and is of the greatest value to Canada. His duties bring him into contact with veterinarians of every class in Canada and the United States, so that he is thoroughly informed as to the exact state of education in the veterinary profession in both countries. Nine years

ago the Montreal Veterinary College became the Faculty of Comparative Medicine and Veterinary Science of McGill University, the title of V.S. formerly given being exchanged for the degree of D.V.S., though the Board of Agriculture of the Province of Quebec still holds its own examinations and grants its license to practice in the province as before. The final examinations are conducted not only by the teachers of the College, but by a special board appointed by the Corporation of McGill University, and are of a character that tests the student thoroughly in both theory and practice. At the recent examination the proportion of men "referred" was fairly high. The reputation of the school is such as to draw men from all parts of North America and this year even from Japan. However, a critical period has now arrived in the history of the institution. In order to enable it to make the most satisfactory progress and keep up with the most advanced knowledge endowments are absolutely necessary. The enthusiasm and efficiency of its staff will not alone suffice to keep the institution to the front in the battle of progress, and it is to be hoped that some broad-minded and generous men may come forward and endow the Faculty in some similar scale to that of Applied Science.

An Alumni Association has been recently formed and held its second annual meeting in Montreal four weeks since, when it was abundantly evident that the graduates of this Faculty had lost none of their enthusiasm or loyalty either to the school or the profession. The Dean himself after visiting last year many agricultural veterinary schools in Europe published a most interesting and valuable report, and he has suggested that the establishment in the University of a school for both Agricultural and Veterinary Science would be an advanced step and of the greatest value to the entire Dominion

of Canada. It is to be hoped that this scheme may be realized at no distant date.

The reasons why this institution has been so eminently successful in the past are that on its roll of teachers are several

of the Professors of Human Medicine in McGill, and that the resources of that institution have been and are available in the instruction of the students of the Faculty of Comparative Medicine.

## Notes and Announcements.\*

*Richard Carvel* by Winston Churchill, author of *The Celebrity*, will be published this month by The Macmillan Company.

*Tristram Shandy*, in two volumes, with notes by Mr. Walter Jerrold, has appeared in the Dent-Macmillan series of Temple Classics.

A SUPPLEMENT to the *Encyclopedia Britannica* will be published by the Messrs. Black, to be completed "before the end of the century."

A NEW novel by Mrs. Campbell-Praed, author of *Nulma*, *Mrs. Tregaskiss* and *Outlaw and Lawmaker* is announced for publication early in May by D. Appleton & Co. It is a picturesque tale of love-making and travel in the Orient.

D. C. HEATH & Co., publishers, Boston, have in press for immediate issue *Stille Wasser*, three representative stories by Wildenbruch, Hoffman and Krane. These are provided with notes and vocabulary by Dr. Wilhelm Bernhardt.

*The Wild Fowl of the United States and British Possessions*, by Mr. Daniel Giraud Elliot, is published by Mr. Francis P. Harper. It is a handsome volume, with many plates, intended for the guidance of the sportman and the instruction of the amateur ornithologist.

A TIMELY publication of the Doubleday & McClure Co. is the small book contain-

\* Publishers are requested to note that all literary announcements should be in the editor's hands not later than the 16th of the month. The subscription list of BOOK REVIEWS is one of 10-000 names. It circulates chiefly among the educational and professional classes and members of the book trade.

ing *Cyrano de Bergerac's Voyage to the Moon*, in the seventeenth century translation of Lovell, slightly corrected by comparison with the original French text. It is edited by D. Curtis Hidden Page.

MESSRS. L. C. PAGE & Co., are now the American publishers of the novels of Signor d'Annunzio, having purchased the four works hitherto bearing the imprint of Messrs. G. H. Richmond & Co., and having also arranged for the early publication of *Il Fuoco* in an English translation.

HARRY THURSTON PECK, editor of *The Bookman*, has in preparation a volume of essays, which will be brought out in the early autumn by Dodd, Mead & Co. Among the subjects are *Stephen Mallarme*, *Honoré de Balzac*, *The Human Side of Tennyson*, and *Uncle Tom's Cabin in Liverpool*.

*General Sherman* is the title of the newest book in the Great Commanders Series, published by D. Appleton and Company. The author of this volume, General M. F. Force, a practiced writer and one of Sherman's division commanders, accompanied him in the Atlanta campaign and in the march to the sea.

It was a happy idea to bring together into one convenient volume two such masterpieces of critical writing as Matthew Arnold's *Sweetness and Light* and the *Essay on Style* by Walter Pater. The little book containing them forms a volume of the *Miniature Series* published by The Macmillan Company.

*Educational Legislation and Administration of the Colonial Governments*, by Miss Elsie W. Clews, is the title of a new number in the Columbia University Series

of Contributions to Philosophy, Psychology, and Education. It will be published by The Macmillan Company for the Columbia University Press.

A VALUABLE reference book has been issued by Dodd, Mead & Co., entitled *The International Year Book*. It deals with all branches of human activity, and is properly a companion volume to *The International Cyclopaedia*, published by the same firm. The editor of the work is Frank Moore Colby, M. A., Professor of Economics at the University of New York.

THERE is soon to appear from the press of Longmans, Green & Co. an important book in Catholic biography. It is entitled *History of St. Vincent de Paul, Founder of the Congregation of the Mission (Vincentians) and of the Sisters of Charity*. The author is Monsignor Bougaud, Bishop of Laval, and the translation is made by the Rev. Joseph Brady, C.M., from the second French edition.

A NEW book on Dante is soon to be brought out by Dodd, Mead & Co., entitled *Iconographia Dantesca*. The author is Ludwig Volkmann, who has done much to introduce the great Florentine to German readers. Dr. Volkmann is, perhaps, the first critic outside of Italy who has treated exhaustively Dante's relation to art, and has traced and analyzed the influence he has exerted in this department of the fine arts on successive generations.

EXCELLENT portraits of much talked-about and prominent Englishmen are to be found in *English Portraits*, just out from the press of R. H. Russell. The work consists of a series of drawings on stone by Will Rothenstein. Each portrait is accompanied with a brief biographical note. The collection includes, among others, Sir Henry Irving, Thomas Hardy, William Archer, Arthur Wing Pinero, Miss Ellen Terry, Grant Allen, and Sidney Colvin.

SOME notable novels have recently been published by The Macmillan Company. *The Maternity of Harriott Wicken* by Mrs. Henry Dudeney, has received instant recognition as a very powerful piece of work. *Hugh Gwyeth*, by Beulah

Marie Dix, is in its second edition within a month of its appearance. *Jesus Delaney*, by Joseph Gordon Donnelly, and *Men's Tragedies*, by R. V. Risley, are both said to be remarkable books on very different lines.

*The Quest of Faith* is the title of the latest book by Thomas Bailey Saunders, author of *The Life and Letters of James Macpherson*. It consists of about eight chapters upon the current philosophy of religion and will be published shortly by The Macmillan Company. As Agnosticism is the state of mind that is perhaps most generally characteristic of the present day, the first chapter deals with some of its arguments, as they are advanced by the writer who is most often regarded as its chief exponent.

It is strange that so few writers of fiction have utilized the wealth of material which exists in the life of John Paul Jones. Perhaps the only two men of note who have availed themselves of his adventures are Cooper and Dumas, and they have used the more well-known episodes in his career. In *Richard Carvel* Mr. Winston Churchill has introduced a very careful characterization of the famous old sea-fighter. He has spent much time in original research and in the picture he has drawn he has attempted to give an exact impression of Jones' early life, based upon little-known records.

*The Development of the English Novel* is the title of a book by W. L. Cross, Assistant Professor of English Literature at Yale, which will be published in April by The Macmillan Company. The author's aim has been to point out the first appearance of new elements in the progress of fiction, such as the introduction of letters, history, humanitarianism and psychology, and to trace in outline the development of those new departures. To the main text are added bibliographical indications for the student, and for popular use a list of twenty-five prose-fictions logically arranged, showing in large outline the development of the English novel.

ANOTHER life of Danton is announced. This one to be published by Longmans, Green & Co., is by A. H. Beesly, author

of *The Gracchi, Marius and Sulla, Life of Sir John Franklin, and Ballads and Other Verses*. It may be recalled that Carlyle wrote in his *History of the French Revolution*: "Few such remarkable men have been left so obscure to us as this Titan of the Revolution," and it is not too much to say that up to the present time the obscurity has remained quite as dense. The other life of Danton referred to is by Hilaire Belloc, late scholar of Balliol College, Oxford. It was quite recently published by Charles Scribner's Sons.

THE new uniform edition of *Sketches and Studies in Italy and Greece* (imported by Scribner), by the late John Addington Symonds, is now made complete by the publication of the third volume. This volume is the richest of the three, for it includes the marvellous chapters on Siena, Perugia, and Orvieto, the subtle and sympathetic studies of Lucretius and Antinous, while from the titles of still other chapters the magic names of Amalfi, Pæstum, Capri, Syracuse, Girgenti, and Athens, meet the reader's eye. These studies are literature of a very noble sort and will bear repeated perusal. It is a great pleasure to have them all collected in the present set of dignified volumes.

THE MACMILLAN COMPANY have just published *The Student's Life of Paul* by George Holley Gilbert, Ph.D., D.D., Professor of New Testament Literature and Interpretation in Chicago Theological Seminary, author of *The Student's Life of Jesus*. The aim of this book is threefold. First, to present the biography of the great apostle entirely apart from a study of his theological teaching. Second, to present the facts in as simple and scientific a manner as possible without comment and without rhetorical elaboration. Third, to present the material in an accessible and usable form. There are full references to Biblical sources, and abundant references to the modern literature of the subject.

SPON & CHAMBERLAIN announce the following new books: *Tables for Calculating the Discharge of Water in Pipes for Water and Power Supplies*, by A. E. Silk; *Spon's Architects' and Builders' Price Book*, by W. Young, with useful memoranda and tables; *Reed's Marine*

*Boilers*, by Triplex, new edition, revised and enlarged; *Everyone's Guide to Photography*, containing practical directions for every branch of photographic work, by E. J. Wall, F.R.P.S. As the Institute of Electrical Engineers have decided to reduce the price of *Science Abstracts* to put it within the reach of everyone interested, from January 1, 1899, the annual subscription including index number will be one-third less than heretofore.

PROF. WILLIAM JAMES, of Harvard, has, in the last few years written a number of papers on the science of teaching, which have appeared from time to time in the *Atlantic Monthly*; these, together with additional ones, are now to be brought out by Henry Holt & Co. The papers are full of amusing anecdotes, which recalls the phrase of a critic, who wished to draw a distinction between Mr. Henry James, the novelist, and Professor James. He meant, he said, the novelist who wrote like a psychologist and not the psychologist who wrote like a novelist. The titles of some of Professor James's articles are "The Child as a Behaving Organism," "The Will," "On a Certain Blindness in Human Beings," and "What Makes Life Significant."

THE series of Temple Classics, published in this country by The Macmillan Co., now numbers more than fifty volumes, forming as handsome and well-chosen a little library as could be desired. Nearly every great literature and period of literature is represented in the series, some of the latest volumes to be published being Chapman's translation of the *Iliad*; *The High History of the Holy Graal*, now translated for the first time from the French by Dr. Sebastian Evans; *The Little Flowers of St. Francis*, newly translated by Professor T. W. Arnold; Casaubon's translation of Marcus Aurelius; Browning's *Men and Women*; Mrs. Browning's *Aurora Leigh*; and the first two of ten volumes containing North's version of Plutarch.

MR. F. MARION CRAWFORD has undertaken already to write the biography of the Pope, and is now at work upon it at his beautiful residence at Sorrento. His recent work, *Ave Roma Immortalis*, has met with great favor in Vatican circles,

since it describes the sacred city in a spirit of enthusiasm and reverence. He is regarded as a biographer who will be able to write a memoir of the most statesmanlike of recent Pontiffs, which will not only have a sterling literary quality, but will also be well received by English-speaking Catholics. His relations with the Vatican are so close that he will have all the requisite facilities for obtaining secret information and completing his work with the least possible delay. This book will be published by the Macmillans in England and America.

MR. WALTER CAMP, the well-known athletic authority and writer, and Mr. Lewis S. Welch, the editor of the *Yale Alumni Weekly*, will issue about the 20th of this month through the Press of L. C. Page & Co., Boston, a comprehensive account of Yale and Yale life to be entitled *Yale, Her Campus, Class Rooms and Athletics*. The authors have been assisted in their work by the leading professors in the different departments of Yale University and the book from such reliable and authentic sources will prove of great interest and value alike to the general reader and the great number of Yale students and alumni. It will be profusely illustrated with a large number of authentic photographs together with a photogravure etched frontispiece of Yale's retiring president, Dr. Dwight.

It is said that Mr. Maurice Hewlett, the author of those delightful books, *The Forest Lovers* and *Earthwork Out of Tuscan*, that he is looked upon as the chief authority of the time in the translation of musty old documents in Norman-French. In his experience at the Record Office he has acquired an excellent knowledge of that language. He is, by the way, the nephew of James Knowles, editor of *The Nineteenth Century*.

Mr. Hewlett has inherited his poetic talent from his father, Mr. Henry Gay Hewlett, who has published two books of verse, *A Sheaf of Verse* and *A Wayfarer's Wallet*, in the last score of years. The elder Hewlett will be remembered also as the editor of H. F. Chorley's *Autobiography* and of Chorley's *National Music of the World*.

EMILE ZOLA's new novel *Fécondité* will appear in this country from the press of

The Macmillan Company early in the fall. Editions in German, Danish, Norwegian, Italian, and Spanish will be published simultaneously with its appearance in book form here and in Paris. On the 10th of May the first installment will be printed in the columns of *L'Aurore* of Paris. In English the work will bear the title of a literal translation of its French name and be called *Fruitfulness*. It is to be the first of a series as symbolic as the Trilogy—*Lourdes*, *Rome* and *Paris*. This series will consist of the new novel and three others, *Work*, *Truth* and *Justice*. M. Zola's aim in *Fécondité* is to emphasize the importance of the home and its traditions as the only basis upon which a great nation may endure. The purity of domestic life is the keystone of power and civilization, he says.

*The Making of Hawaii* is the title of a book by William Fremont Blackman, Professor of Christian Ethics in Yale University, which will be published immediately by The Macmillan Company. Hardly a problem in the complex movements of the century has been absent in the compact community of Hawaii. It has been Professor Blackman's aim to give a sober and comprehensive discussion of the forces which have been at work in the social evolution of the islands. As a field for the study of some important social problems Hawaii offers unusual scope due to the blending of temperate and tropical climates, the mixing of widely different races, the contact of civilized and aboriginal people under unique conditions, and finally to the control of industries by corporations to an unusual degree, and the close juxtaposition in recent years of a very wealthy few and a very poor multitude.

*The Heart of Man* is the title of Professor George E. Woodberry's new book which The Macmillan Company have just published. It is a collection of papers dealing with idealism and its application in poetry and art, in politics and religion. Of these the first is a study of Sicilian landscape and history, and serves as a prologue to the other three. The second is a *New Defense of Poetry*, and analyzes the theory of art in all forms of the imagination, but especially with reference to literature, which is elaborately treated. The third paper on *Democracy*

applies these principles to politics. Another paper, *The Ride*, is a landscape study of the West, and introduces discussions of personal religion and of the place and claims of the church as a social organization. The whole volume attempts to unify the aims and practice of life, especially for the young to whom it appeals, with the purpose of enforcing the ideal elements of life in all its parts, in poetry, in civil and religious life; it is meant to be practical and at the same time to present the theory which justifies the practice.

*The Philippine Islands and Round About*, by Major G. J. Younghusband, author of *The Relief of Chitral* and *South Africa of To Day*, has just been published by The Macmillan Company. Read in connection with Professor Worcester's *Philippine Islands and Their People*, this book, by an Englishman, who is at the same time a keen observer, affords an interesting difference in points of view. Major Younghusband arrived in the Philippines just after the capture of Manila, and consequently takes up the account of the islands from the point where Professor Worcester leaves off. He gives an extremely interesting personal account of Aguinaldo, a description of the naval battle of Cavite, the capture of Manila, and a chapter, which should be of much interest to Americans, on the future of the Philippines. Major Younghusband was the recipient of much courtesy at the hands of the military authorities of the United States, and consequently was able to move about the islands with a freedom which has enabled him to give what is perhaps the only contemporary account of the present situation in the islands.

ONE of the most entertaining books of the season, and to a host of readers one of the most deeply interesting, is that containing Dr. Hale's reminiscences of Mr. Lowell and the persons with whom he was most closely associated. Dr. Hale was in college with Mr. Lowell and they were intimate friends. Their lives were very different, but Dr. Hale lived in the same surroundings in which Mr. Lowell spent most of his life, so that he has personal recollections of the people, the places and the affairs in which Lowell was himself largely engaged. The book might fully

have been called "Lowell and His Surroundings," or "Lowell and the Circumstances of His Life." Lowell is, of course, the hero of the book, which contains a brief review of the last fifty years in Eastern New England, from a point of view not unlike that which Lowell himself would have taken. It is a remarkably interesting group which is brought before us, and there is something peculiarly engaging in being present, so to speak, when the noble literature and the brilliant lives which we now regard with affection and reverence were illuminating a world that did not always appreciate them.

SEVERAL novel features will distinguish the "British Anthologies" which Professor Edward Arber is editing for the Oxford Press, from other collections of English verse which have appeared. The series will contain some two thousand five hundred entire poems and songs (exclusive of extracts which have been inserted sparingly), printed for the most part in large type on stout paper in crown octavo volumes, and published at a popular price. Some three hundred authors will be represented, a few for the first time in any anthology. Use has been made of the earliest and most authoritative texts, but the spelling and punctuation have been revised where necessary. Each volume will consist of three hundred pages of text, to which are added an index of first lines and authorities, and a glossary. Pains have been taken to prevent lines being turned. Each volume will be identified by its title with the chief poet of the period treated, and together with his works will be printed the compositions of his contemporaries and anonymous poems of the same date. Not one-fifth of the total, however, will be anonymous. Ten volumes have already been arranged for—The Dunbar Anthology, 1401–1508; The Surtey and Wyatt, 1509–1547; The Spenser, 1548–1591; The Shakespeare, 1592–1616; The Jonson, 1617–1637; The Milton, 1638–1674; The Dryden, 1675–1700; The Pope, 1701–1744; The Goldsmith, 1745–1774; and The Cowper Anthology, 1775–1800. Of these the Shakespeare, Jonson, and Milton volumes will be published immediately, and the remainder will follow in quick succession. Professor Arber's reputation and experience in editing reprints—his experience

extending over thirty years—are a sufficient guarantee that these Anthologies will be scholarly, and that he will avoid the pitfalls into which so many compilers of collections of verse have fallen. As an illustration of the labor spent on the volumes it may be interesting to state that no fewer than fifty-five texts have been verified at the Bodleian from sources which are not to be found in any public library in Lon-

don, not excluding the British Museum. The natural grouping of the poems, the historical basis on which the volumes have been planned, the notes and glossaries, will commend these "British Anthologies" to systematic students of English literature at home and abroad, and it is hoped that the fulness, variety, and freshness of the selections will appeal to all classes of readers.—*Dial*.

## Reviews.

### GENERAL LITERATURE.

*Memoirs of Pliny Earle, M.D.*, with Extracts from his Diary and Letters (1830-1892) and Selections from his Professional Writings (1839-1891). Edited, with a general Introduction. By F. B. Sanborn, of Concord, former Chairman of the Board of State Charities and Inspector of Charities. Boston: Dammrell & Upham.

Dr. Earle was a distinguished and successful alienist, and his work as such is reported by Mr. Sanborn with generous and intelligent appreciation. If this were all, the book would be mainly interesting to specialists and to those who have friends afflicted with insanity, though, even so conditioned, it would deserve general attention, the treatment of the insane being a matter of such general importance. But this is not all, and if Dr. Earle had been a man of no professional repute, his experience of travel and society, as here set down, would give the book an independent value that would justify its publication. Here are very serviceable memoirs for the future students of manners in the nineteenth century. For one thing they may, so much was Dr. Earle in Washington, do something to relieve the monotony of reference to John Quincy Adams' "Diary."

Mr. Sanborn has not done a better piece of biographical work. If it is somewhat discursive, it is far less so than his "Thoreau," and his subject is entertained more simply than in that or the S. G. Howe and Alcott books. So deeply involved was Mr. Sanborn in the anti-slavery conflict that his reference to that are always interesting, though Dr. Earle's anti-slavery sentiment was very weak in proportion to his opportunities for knowing anti-slavery people. The better-informed may resent some of Mr. Sanborn's footnotes as superfluous, as when he gives a sketch of Daniel Webster; but if he errs in this direction, it is on the right side. The ignorance of the general reader is more easily underrated than exaggerated. A very real exaggeration is that where Dr. Samuel G.

Howe is spoken of as "the chief philanthropist of a philanthropic age." \* \* \*

There is an appendix containing some of Dr. Earle's most interesting papers, and extracts from others.—*Nation*.

*Letters from Japan*. By Mrs. Hugh Fraser, author of "A Chapter of Accidents." The Macmillan Company.

Mrs. Hugh Fraser's *Letters from Japan* will easily take a high place among the best books on the subject. The author, as wife of the British Minister to Japan, had unusual opportunities and advantages for knowing the country thoroughly. A resident for several years makes her knowledge something vastly different from that of the ordinary writer of travel impressions. That she has literary aptness had already been proved by her successful novels. But all the qualifications named, excellent as they are, are slight in comparison with the fact that Mrs. Fraser from the beginning approached Japanese life with an open mind and a broad human sympathy. Nowhere else do we get so closely into touch with the actual Japanese men and women—yes, and children, too—as in this book. Other writers have told us of the art of Japan, of her quaintness of customs, of her wonderful history, but Mrs. Fraser, while not neglecting these phases, has a simple and direct way of showing us how the Japanese act and work and think, which is thoroughly fresh and satisfying. The description of a children's Christmas party, for instance, is altogether delightful. The glimpses of imperial and court life are graphic. The account of the political and social situation following the promulgation of the Constitution is enlightening. The appreciation of Japanese love of art and flowers is graceful and charming. The description of home life is such as only a woman could give. In short, the book is throughout thoroughly enjoyable, is sane and unprejudiced in its attitude, and is quite free on the



one hand from sentimental enthusiasm. on the other from cynical superciliousness. The two volumes are handsomely printed and bound; the illustration is profuse, is not at all conventional, and, though not equal in technical perfection, is uniformly interpretative of country and people. —*The Outlook.*

*Greek Tragedy in the Light of Vase Paintings.* By John H. Huddilston. The Macmillan Company.

Professor John H. Huddilston's recent volume on "The Attitude of the Greek Tragedians Toward Art" is now followed by *Greek Tragedy in the Light of Vase Paintings* (Macmillan), showing the other side of the question. As the earlier treatise collected all the passages in Greek tragedy where the poet shows familiarity with the potter's art, so the latter one attempts to trace the effect of tragedy upon conception and treatment of subject by the vase decorator. It is interesting to note that Sophocles, whose dramas contain fewest allusions to pottery or comparisons drawn from the industry, is also, according to Dr. Huddilston's theory, the poet who least influenced the designs of later potters. The greater popularity of the works of *Æschylus* and *Euripides* in furnishing subjects for illustration he attributes to their greater creative power; the scenes as treated by Sophocles are less original. One feels that *Greek Tragedy in the Light of Vase Paintings* will have greater interest for archaeologists than for students of tragedy, in spite of the author's hope, expressed in the preface, that his work will appeal to the latter class. More important for vase painting than for tragedy is an understanding of the relation between them. We may think that at times Dr. Huddilston has fallen into the temptation of assuming parallelism of tragic scene and vase painting where none exists, or of attributing the frequency of a design to the great popularity of a poem, when really it was due to the conventionalizing of a scene by the potters themselves, or to their tendency to duplicate patterns. But one must appreciate the painstaking scholarship that the book represents, and must be grateful for some admirable reproductions of Greek vases. Such reproductions are all too rare, and every fresh addition is welcome. —*Dial.*

*The Play of Animals.* By Karl Groos. Translated by Elizabeth L. Baldwin. D. Appleton & Co.

This is a translation of the excellent work of Professor Groos which appeared in 1896, under the title, *Die Spiele der Thiere*, and has since become both a manual and a text-book for those who see in the play of animals something more than the dissipation of surplus energy; who perceive the hand of natural selection in the molding and development of instinct; and who interpret the various psychological processes of

man in the same light of descent in which the comparative anatomist interprets the complicated mechanism of certain somatic structures. The present is practically a revised edition of the original work, for the author and the translator have added a considerable amount of material which the development of comparative psychology has recently produced. Professor Baldwin has prepared an editor's preface, which adds materially to the value of the work, and doubtless will be consulted frequently by the reader. The book will be welcome to students both of biology and physiology, and the general reader will find it an interesting treatment of a scientific subject, presented without bewildering technicalities, and in a most pleasing style. —*Philosophical Review.*

*Jean-Jacques Rousseau and the Cosmopolitan Spirit in Literature.* By Joseph Texte. The Macmillan Company.

M. Joseph Texte's *Jean-Jacques Rousseau and the Cosmopolitan Spirit in Literature* has almost a timely interest at this moment when the Anglo-Saxon spirit has taken on its most aggressive form, and the English-speaking peoples are unconsciously thinking of themselves as apart, in a certain sense, from the other races; for this volume is not only a study of Rousseau, but it is also a comprehensive examination of the literary relations between France and England during the eighteenth century, and a record, therefore, of an interchange of influence between northern and southern Europe, between the Teutonic and Latin genius. Such studies as this are among the most significant contributions to current historical literature, and among the most suggestive. They inevitably carry the mind on to a larger synthesis than that which is made by the consideration of the literature or art of a singly related group of races, by showing clearly that the intellectual life of the world cannot, in any real sense, know race lines. The great literatures are continually reacting upon one another through all manner of subtle influences, the northern modifying the southern, and the southern in turn modifying the northern. In this volume M. Texte exhibits Rousseau as the interpreter of the northern literatures to France by pointing out very clearly the great influence of English literature, history and philosophy upon Rousseau. When Rousseau began to write, English influence had become a great power; and the English spirit was especially attractive to the group of men, of whom Rousseau was one, who were trying, through one avenue or another, to escape from the tyranny of the old régime. "The Englishman," wrote one of these men, "never bows his head to the yoke which the majority of men bear without a murmur, but prefers freedom, however stormy, to tranquil dependence. M. Texte dedicates his book to M. Brunetière; and the influence of the distinguished critic is seen throughout this volume. It was Brunetière who said that it

would be well to subordinate the history of individual literatures to the general history of the literature of Europe. This volume is a study in this direction. It is divided into three books; the first devoted to "The Influence of England upon France before the time of Rousseau"; the second to "Jean-Jacques Rousseau and English Literature," with special reference to Richardson; and the third to "Rousseau and the Influence of England during the Latter Half of the Eighteenth Century."—*The Outlook*.

*Andrew Jackson and His Times.* By Charles H. Peck. Harper & Bros.

In a volume of 470 pages entitled *The Jacksonian Epoch* (Harpers), a creditable attempt is made by Mr. Charles H. Peck to give a critical survey of the political history of the United States from the Presidential candidacy of Jackson to the accession of Tyler. There is no doubt that the period treated is one of the most suggestive and dramatic in our history. It marks the full development of American political methods and presents the most distinguished group of public men ever brought together in this country. It is true, as the author says in his preface, that general histories, however useful, subordinate men to events, while biographies are apt to magnify individuals and to give their environment an inadequate portrayal. Mr. Peck's aim is to combine the historical and biographical methods so as to present a lifelike picture of an animated political era.

The book begins with an account of Jackson's Seminole campaign, which had a decisive effect on his political relations to Henry Clay, and, we might add, to Calhoun. There is no doubt that, in some of his acts, and notably in the execution of two British subjects, Arbuthnot and Ambrister, Jackson exceeded his instructions and violated international law. The order, moreover, to take St. Augustine, given by him to General Gaines, would, had it been carried out, have prevented the peaceable cession of the Floridas by Spain to the United States. Consequently, this order was countermanded, and the posts which Jackson had seized were restored to Spain. But so great was the General's popularity that the Administration did not venture to censure him. It is now known, however, that Calhoun, Secretary of War in Monroe's Cabinet, and Crawford, Secretary of the Treasury, advocated censure and that J. Q. Adams, Secretary of State, alone defended the General. The outcome of the discussion was that the Cabinet verbally approved of Jackson's course on the ground that it was necessary, under the circumstances, but proceeded to disavow it in fact. When Congress met, resolutions were proposed censuring Jackson in the House of Representatives, and they were supported by Henry Clay in two speeches, one of which, delivered on Jan. 17, 1819, is reported. The resolutions were rejected, and Clay's attack upon Jackson proved to be the most far reaching and calamitous of

his political mistakes. The long feud between Jackson and Clay dated from the delivery of this speech.—*N. Y. Sun*.

*The Dawn of Reason: or Mental Traits in the Lower Animals.* By James Weir, Jr., M.D., author of "The Psychical Correlation of Religious Emotion and Sexual Desire." The Macmillan Co.

Dr. Weir has written a thoughtful treatise on the evolution of mind in the sub human species. He begins with the very lowest organisms in which the line of demarcation between conscious and unconscious, or vegetative, mind can be traced. Then, passing to the sense impressions in lower animals, he discusses those of touch, taste, smell, sight, and develops the familiar argument from environment. Conscious determination Dr. Weir describes as "the basic mental operation upon which is reared that complex psychical structure which is to be found in the higher animals, and especially in man—the highest product of evolutionary development." By conscious volition Dr. Weir does not mean the "consciousness" of the three-year-old child who recognizes the *ego*. This ego knowledge, while present in such of the higher animals as the dog, monkey, horse and cat, is by no means an element in the psychical make-up of the lower animals. But consciousness, so far as volition or choice is concerned, enters into the mentality of creatures very low in the scale. The difference between instinct and reason is thus illustrated: "The hen which sits three weeks on a china egg is influenced by blind impulse—instinct; while the turkey which discovers the eggs of her rival in her nest, and destroys them, is directed by something infinitely higher—by reason." Judging wholly from the evidence, Dr. Weir concludes that mind in the lower animals is precisely the same in kind as in man, and that though instinct clearly directs many actions, intelligent ratiocination performs an important rôle. \* \* \*

The material collected in this book is very largely original. It is well sifted and, on the whole, reliable. The conclusions on conscious determination, memory, æstheticism, reason and letisimulation are in the main those of the most advanced psycho physicists of the day. The method of treatment is obviously that which properly belongs to every scientific procedure. The author rightly believes that metaphysics has no place in the problems of physiological psychology, and he, therefore, refrains consistently from reference thereto. The evidences of mental action are thrown into clear, brief and lucid form, while the general deductions are founded on useful and, in the main, verifiable experimentation.—*The Churchman*.

*The Letters of Petrarch.* By Professor J. H. Robinson and H. W. Rolfe. G. P. Putnam's Sons

It is pleasant to see a book that bears so plain

a witness to the widening interests of American historical scholarship as these "Letters." With the exception of the treatment accorded to Petrarch's life and writings in the course of Mr. Symond's classic work on the Renaissance, there has been nothing in English worthy of notice for those who desire to acquaint themselves with one of the most attractive figures of mediæval literary history. The selections made from the voluminous correspondence of Petrarch with his contemporaries are such as will appeal most to the general reader. They are translated smoothly and idiomatically. The accompanying chapters of elucidations are written from the sympathetic standpoint of writers who appreciate the value of the study they have themselves made, and who spare no effort to make others share their classic interest. Petrarch, like Pliny, was a letter writer who wrote for effect and for publication. The artificial tone and conscious effort are oftentimes tedious. One wishes that there were a closer hold on reality, and an absence of verbiage would be a relief. But in any case it is practically impossible to comprehend the great humanistic movement which preceded the Reformation unless one can get at close quarters with a character of the type of Petrarch. Even his conventionalities of diction are instinctive of the mental attitude of an age which was full of stirring movement, intellectual and moral. He copied slavishly the models of classic antiquity, but this very trait explains much that puzzles and confuses us in those times where the faded interests of the ecclesiastical world ceased to direct all the lines of human activity.—*Churchman*.

*Life of General George Gordon Meade.* By Richard Meade Bache. Henry T. Coates & Co.

Mr. Richard Meade Bache's *Life of General George Gordon Meade* (Philadelphia, Henry T. Coates & Co.) is one of the best military biographies we have read for a long time. It is written with technical knowledge and in a most impartial spirit. Naturally, General Meade's side is taken in certain of those controversies that seem unfortunately always to follow in the wake of great military achievements, but there is no hyperbolic eulogy, nor does Mr. Bache go out of his way to disparage Meade's rivals. We wish he had been fuller in his treatment of the claim that captured despatches made Meade determined to fight the third day's battle at Gettysburg, but one cannot have everything, and one should at least be very grateful for this excellent book.—*The Churchman*.

*The Development of English Thought. A Study of Economic Interpretation of History.* By Professor Simon N. Patten, University of Pennsylvania. The Macmillan Company.

This is a book of insight, originality, and power. As to the pains the author has taken to

present his thought in the clearest and most natural way, there can hardly be too warm commendation. The aim is to set forth a particular theory of history, but this is done with constant reference to concrete illustrations. There is no attempt to present a full history of the facts, but only such salient features of each epoch as may best indicate the trend of events and help to explain them.

How the peculiar and changing economic conditions in England during the last 300 years have affected the development and course of English thought, and so the English character is what the author has striven to make clear.

What is perhaps most remarkable about the general treatment of the subject is the breadth of view kept in mind—having constant regard to the higher moral, religious and intellectual aspects of English life quite as much as its more material characteristics. But the writer is no materialist. His evolution is not of that sort. He recognizes alike action and reaction, with a large determining measure of spiritual freedom. While frankly recognizing the facts of Christianity, he takes pains to show how these facts coöperate with the conditioning economic facts in modifying at once the course of English thought and of English life.

In the table of contents, which covers no less than eighteen pages, the author gives a complete digest of the whole treatise, and this is most admirably done. Professor Patten's style is remarkable also for its lucidity, simplicity and manly strength. Though the author's particular inferences may often seem unwarranted, his survey of English thought along the lines of English economic history is full of interest. It is decidedly one of the best written and most thoughtful of recent books.—*Chicago Tribune*.

*No. 5 John Street.* By Richard Whiteing. The Century Company.

Mr. Whiteing has achieved the difficult task of making a slum novel pleasant to read. Partly this is because *No. 5 John Street* is not exactly a novel, but a kind of pictorial study with meditative notes. This mode of treating the life in one of London's most squalid corners has the advantage of excluding the melodramas of crime and misery which most novelists seem to think necessary when working in this field. Murders occur in John Street, we are given to understand, but Mr. Whiteing's main object has been to give a series of impressions, from which one may draw a moral or not so long as one recognizes his pages as faithful to the general aspect of poverty-stricken life. One of the poor women in this book dies from the effect of poison taken into her system during her hours of work in a factory, and to the extent of this episode the author may be said to have made a tract out of a piece of fiction. There is a horrible situation at the end, too, in which the death of another woman, the poisoned worker's friend, is brought about by the explosion of a bomb in the

hands of Azrael, an anarchist with whom she grapples in the effort to prevent him from wrecking the house of a millionaire. But these touches of drama do not give the book a plot, nor is there any very elaborate philosophy implied in the grim conclusion to which the author is driven by his study of the social sickness of the time. The pictorial quality in this book, the sense of a spectacle observed, would ordinarily seem cynical, but the work is pervaded by a vein of kindly humor; the atmosphere is sordid, but it is shot with gleams of wholesome light. Our author has not allowed himself to feel crushed in the presence of tragic poverty; he does not allow his reader to be crushed either, and in that healthy attitude lies a good deal of strength. *No. 5 John Street* is full of misery but it is a good book.—*Tribune*, N. Y.

*Temple Classics*. New Volumes. The Macmillan Company.

Of six new volumes in the rapidly growing series of *Temple Classics* two contain the old French "Book of the Holy Grail," translated with an epilogue summarizing its literary history by Dr. Sebastian Evans, who has a new theory of the origin of this work that places it in the second decade of the thirteenth century, which would put this saga among the oldest, if it be not indeed the original, of all the legends of the Grail. Two further volumes contain Chapman's "Homer," a fifth is a translation by T. W. Arnold of the ever fragrant "Little Flowers of St. Francis," and the last the translation of Marcus Aurelius published by Casaubon in 1634. It is sufficient to say of these editions that all alike are accurate, cheap and charming.—*Churchman*.

*Hand-Book of Metallurgy*. By Dr. Carl Schnauble. Translated by Henry Lewis, M.A. Vol. I., Copper, Lead, Silver, and Gold. Vol. II., Zinc, Cadmium, Mercury, Bismuth, Tin, Antimony, Arsenic, Nickel, Cobalt, Platinum, Aluminum. London and New York, The Macmillan Company. 927 illustrations.

It is a curious fact that there does not exist in the English language a single complete treatise on metallurgy. There are, indeed, a number of smaller text books, mainly adapted for the use of students, which cover the entire field, but make no pretension to describing it with any thoroughness or detail. Such being the position in regard to the literature of the subject, the translator has rendered the English speaking metallurgist a distinct service in translating the most recent and exhaustive work on the subject in any language, from the pen of an eminent metallurgical authority. The book gives a complete account of the metallurgical treatment of every one of the metals ordinarily employed, together with the recent improvements in the art, not neglecting the scientific principles underlying each process; and it is illustrated by examples drawn from actual practice in various parts of the

world. The author's travels have been extensive, which results in his experience being very great, and, of course, amply qualifying him for his task. After a careful examination of the two volumes, we feel we can safely say that it is one of the most important contributions ever made to metallurgical literature. The matter is so condensed as to be readily available, and there would have been no difficulty whatever in extending it over several additional volumes. The illustrations are numerous, well selected, and admirably executed, and serve to elucidate the text in an excellent manner. The index pleases us particularly.—*The Scientific American*.

*Democracy: A Study of Government*. By James H. Hyslop. Charles Scribner's Sons.

Should all those who have like feelings concerning our politics accept Professor Hyslop's proposals, we might soon look for better times. Undoubtedly, a very general feeling of distrust and apprehension prevails, which is reflected in a steady stream of criticism and complaint. But of this Professor Hyslop thinks we have had more than enough. It is high time that something positive and constructive should be proposed. Wearied, then, "with the perpetual grumbling which is either unable to see a way out of the confusion, or too cynical and hopeless to try an escape," he has ventured to offer for debate a complete system of government which is neither a reaction towards monarchy nor an acceptance of the *status quo*. It is, of course, an ideal system that is proposed, but it is an ideal to be kept steadily in mind when practical measures of reform are undertaken.

Because of the weariness of criticism to which Professor Hyslop refers, most readers will turn at once to that part of his book entitled "Practical Remedies," and we can follow their example without inconvenience. This we may do, because the major premise of the argument is simply that reform must come through the honesty and intelligence of the officers of the government. The problem is to secure such officers, and the solution is to be found in the limitation of the suffrage. In order to establish the proposition that the possession of property tends to make the citizen demand honesty and intelligence in his rulers, Professor Hyslop frankly denies the existence of such a demand on the part of the "proletariat," and exposes the fallacy of supposing that any educational test can establish the existence of virtue in those who pass it. Experience has shown that such tests are of no value in determining the political intelligence of an electorate. On the other hand Professor Hyslop labors earnestly to prove that the possession of wealth, or the "economic criterion," is a test of such virtue as qualifies for civic rights and duties. His reasoning is clear and strong; but it is unfortunate for his argument that he should not have sought historical confirmation of his contention.

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Students of political science will probably be more attracted by Professor Hyslop's broad historical generalizations than by his practical suggestions. He calls attention to the influence of religious beliefs and philosophical theories on the development of civil government, finding in the growth of monism in religion and philosophy the cause or concomitant of the conception of universal empire. We fail to understand how the dominion of the polytheistic and urophilosophical Romans is explained by this theory; but, without arguing that point, we may say that the author's conclusions are extremely pregnant, if not profound. Altogether his book is an exceptionally racy, vigorous and compact review of political evolution, and it well deserves the attention, not only of students, but also of that conservative middle class whose prosperity implies the general welfare.—*The Nation*.

*History of Physics in its Elementary Branches; including the Evolution of Physical Laboratories.* By Florian Cajori, Ph. D. The Macmillan Company.

This history is intended mainly for the use of the students and teachers of physics. The writer is convinced that some attention to the history of science helps to make it attractive, and that the general view of the development of the human intellect obtained by reading the history of science is in itself stimulating and liberalizing. Strange to say, there is little literature in English upon the history of physics, although there is abundant biographical material of such men as Faraday. The volume before us is a most valuable contribution to the subject and is a serious work, the pages simply bristling with footnotes of authorities. This is, however, a very good fault.—*Scientific American*.

*Hugh Gwyeth: A Roundhead Cavalier* By Beulah Marie Dix. The Macmillan Company.

The scene of this stirring story is the perturbed England of the Stuarts and Oliver Cromwell, and its picturesque young hero mainly differs from the men about him by bringing the advantages of a Roundhead training into a Cavalier environment. Brought up in the straight ways of Puritanism by his grandfather, The Master of Oldesworth, the lad (Hugh Gwyeth), whose young mother had early passed away, supposes himself an orphan until the fact is accidentally revealed to him that his father, Colonel Alan Gwyeth, a soldier of fortune, is fighting valiantly on the side of the King. Against the earnest protest of his grandfather, and understanding that by the step he is forever cutting himself off from his childhood's home, the boy sets out to find his father. On this quest he meets with many thrilling adventures and hairbreadth escapes, discovers Colonel Gwyeth, only to be at first brutally repulsed and disowned, but luckily wins and keeps the steadfast friendship of Richard

Strangeways, a gentleman and a man of honor. The world treats our young claimant on its favor with singular harshness, but the Roundhead stratum of firmness and strength makes a good foundation for Cavalier chivalry and dare-devil valor, and Hugh bears himself gallantly through all vicissitudes, and arrives at distinction in the end of the tale.

The element of love is very lightly touched upon, and is entirely subordinate to that of filial devotion, while the fearless courage of the youthful Cavalier is set in strong contrast with the meanness of some of his Roundhead relations. The Master of Oldesworth is a very striking figure, and the story is valuable for young people as an introduction to the history of a period in England pregnant with great issues in the development of the nation's freedom. For those readers who enjoy the breakneck pace of the later romanticists, as shown by Weyman, Conan Doyle and others, a dramatic narrative of this sort has a certain attractiveness. The author seems not to have made up her own mind very clearly about the character of Hugh's father, and, consequently, her readers are left in much doubt as to whether he was worth the trouble that first and last he cost his boy. Colonel Gwyeth is, however, a man insensible to fear, and true bravery has a redemptive quality which compels admiration wherever exhibited—a quality indispensable, indeed, in the outfit of a rough rider in Prince Rupert's day. Throughout the story, whatever the situation, one is continually impressed by the commendable purity of the work, and the tonic and bracing quality of its atmosphere.—*Literature*.

*West African Studies.* By Mary H. Kingsley. With Illustrations and Maps. The Macmillan Company.

When a traveller contemplates an incursion into dark, dirty and extremely uncivilized regions, such as, for example, the West Coast of Africa, he gets together all manner of tools, weapons, medicines and impedimenta generally. He should take a leaf out of Miss Kingsley's book. "Take with you, above all things," she seems to say, "a temperament." Her investigations have been vastly facilitated, no doubt, by the expedients due to the obviously practical turn of her mind, but the thing that has most helped her, and that does most to make her recollections readable, is a strong sense of humor. West Africa is, to speak candidly, one of the dreariest places in the world. Miss Kingsley's joyous temperament has enabled her to see the bright side of the region and to save it from being, in a book, an infinite bore. When she published her "Travels in West Africa," an amorphous, haphazard, but entirely fascinating book, about three years ago, we observed that, in spite of the repellant character of her theme, the world would go on reading her so long as she cared to write. This new volume proves that our confidence in her was not misplaced, and we feel

tolerably sure of the public. No one with a sympathy for pluck and high spirits could remain indifferent to this artless narrative.

Miss Kingsley's rule would appear to be "light-hearted acquiescence in everything that turns up." She has a boundless curiosity—of the healthy, self-respecting sort—and she throws convention to the winds. \* \* \* Among all readers, whether English or American, her wise, shrewd, humorous and vivid narrative is sure to be found delightful. Through her gifts as a traveller and a writer she lifts her book far above the plane on which such studies of little-known regions of the earth are usually composed.—*N. Y. Tribune.*

*Memoirs of the Duc de Saint-Simon.* Translated by Katharine Wormeley. Hardy, Pratt & Co.

*The Memoirs of the Duc de Saint-Simon*, the opening volumes in the "Versailles Historical Series," with which the new publishing house of Hardy, Pratt & Co. starts on what we hope may be a long and prosperous career, form a noteworthy first offering to come from any firm, while, translations as they are, they mark an event in letters. These famous memoirs, completed in the early half of the eighteenth century, have only recently appeared in anything like a complete form, and Miss Katharine Wormeley's fine translation is the first to put them within reach of English readers. Yet already they elbow other memoirs from the shelf to claim, by their robust virtues, the place of preference. "There is but one Saint Simon," Sainte Beuve, a man of equal vigor and discernment, has declared of him, and sums him up by saying, "He is not a book; he is a world." The memoirs deal with what is conceded to be the most fascinating phase in all French history, the times of Louis XIV., with the doings of royalty in public and private, with the court intrigues and state secrets of that day, and especially did Saint Simon set himself to delineating with unfaltering frankness the real characters of those whose names he knew well would live when he should be done with journals. "Until his work appeared," wrote Sainte Beuve, "no one suspected the interest, the life, the moving and ever-varying drama afforded by the scenes and events of the court, the marriages, the deaths, the sudden changes; the habitual daily living, the hopes, the disappointments reflected on innumerable countenances, not one of which resembled another; the flux and reflux of contending ambitions animating more or less visibly all those personages, and the groups or knots formed among them in that vast gallery of Versailles, pell-mell apparently, but which, thanks to him, are no longer confused, yielding henceforth to our eyes their combinations and contrasts. Until Saint-Simon men had but glimpses and slight sketches of all that; he was the first to give, with infinite detail, one vast impression of the whole. If any one has made it possible to

repopulate Versailles, and to do so without mental weariness, it is he. To him must be applied what Buffon said of the earth in the spring-time; his memoirs "swarm with life." At the same time he produces a singular effect in relation to the times and reigns which he does not include; if rising from his pages we open a volume of his tory, or even of memoirs, we find the record thin and pale and poor; every epoch which has not its Saint Simon seems deserted, mute, uncolored; there is something, I know not what, uninhabited about them; we feel and regret that which is lacking, that which is not transmitted in them."

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These four volumes of the memoirs, for which all that is possible in the way of fine book-making has been done, comprise but a portion of the original twenty, but they hold the cream of the whole, and bring within readable compass a work of magnificent scope.—*Boston Transcript.*

*The Cruise of the Cachetot.* By Frank T. Bullen. D. Appleton & Co.

No one can read this book and close it without feeling that he has just read one of the few great books that will ever be written about the sea. It at once takes its place alongside "Tom Cringle's Log," "Two Years Before the Mast," and "On Many Seas." Mr. Bullen began life as an urchin in the streets of London and ultimately became first mate of a merchantman. Like Mr. Hamblen, who wrote "On Many Seas," he is to a large extent self-educated, which is another way of saying that he knows what he is talking about. He gives a personal narrative of his life as a sailor before the mast in an American whaler during a cruise of three years in which the ship circumnavigates the globe.

Apart altogether from the charm of the book for a man who loves the sea, it is in its way an exhaustive monograph on the art of whaling. This latter view of it is, however, one which is of minor importance. It is the life, the smell of the hot rigging, the foul air of the fo'castle, the hiss of the hail on the seething water, the grunt of the boat steerer as he drives his harpoon in, which concerns us; and here Mr. Bullen has drawn with an unrivalled skill. He has mastered a style which gains impetuosity as his descriptions become more graphic and vigorous, and in some chapters his narrative of the excitement of the chase is intense. Rudyard Kipling says he "knows no book which equals it in its deep sea wonder and mystery," and no one who knows the ways of the ocean can disagree with him. It is the work of a thorough sportsman; a book which will live so long as men seek danger and face it for the very love of it. It is the work of an able seaman, the breath of whose life is the breath of the ocean, and whose sentences sometimes roll and plunge like a ship under full sail. As a story it is clean. The author has skillfully avoided the

use of profanity, at the expense of verisimilitude in some slight degree, and it is a book which can therefore be placed in the hands of a boy, who will get as much pleasure out of it, from his own point of view, as his elders from theirs.—*Book Reviews.*

*Ashes of Empire.* By Robert W. Chambers  
New York, Frederick A. Stokes Co.

This novel is the third of a notable series dealing with the Franco-Prussian war and Commune—of which *Lorraine* is the first and *The Red Republic* is the second. The present work, though written last, really comes between, being the middle one of the series. As *Lorraine* begins with the gathering of the war clouds and ends with the battle of Sedan, so the new story, *Ashes of Empire*, begins with the oncoming of the siege of Paris and ends with its war sick surrender.

Both the stories preceding this in the order of publication were so strong and spirited as to justify high expectation of the volume which was to follow, but neither of them, good as they are, gave promise of the fineness, the delicate beauty of the present work. It is quite true that the ghastly, horrible environment of the story would seem at first glance to preclude fineness, delicacy and beauty, but, in fact, the blackness of the background brings the exquisite story into higher relief. The spirit of France's finest literary art finds expression in the conception and the description of the poor little home on the ramparts of Paris, the quaint old bird shop—the monkey and the lioness—among the birds and the two girls, as unworldly and as helpless as the birds. They are all fluttering and trembling together when the cannon of the siege begins to roar, and when the two young men—war correspondents—chance to find the little house and take up their abode therein. The argument of the story is as old as human nature, but it has rarely been better told. The character drawing is as fine and sharp as etching, and again, as happens in life as in fiction, it is the more fallible who are most lovable. It is the erring, too, who hold the interest and sympathy most closely throughout. And yet the tone of the work is of the highest, and wholesome as well as tender.

The story, indeed, stands by itself, but its historical setting is finely wrought out. Some of the descriptions of the scenes and events of that time will be remembered; the work is altogether a memorable one.—*Bookman.*

*Bird World.* By Josephine H. Stickney and Ralph Hoffmann. Ginn & Co.

This book is designed for use as a school reader for intermediate grades. It contains some seventy odd chapters most of which treat briefly of the commoner birds while others deal with various phases of bird life or bird structure. Thus there was chapters on "The Coming of the Birds," "Bird Homes," "How Young Birds Get Fed," "About Birds' Toes," "Birds' Bills," etc. The material has been carefully

selected and seems well adapted to interest children in bird-study. The author has done wisely in securing the coöperation of a practical ornithologist and Mr. Hoffman's name on the title page of her work is a guarantee of its freedom from serious faults. The book is profusely illustrated by ten full-page drawings by Mr. Thompson, eight half-tone color photographs of mounted birds, pen and ink outlines of birds' wings, bills, feet, tails, etc., cuts from the publications of the Department of Agriculture and other illustrations from *The Osprey*, including several drawings by Mr. Fierste.

An appendix gives a color key to fifty common birds, and lists of common birds grouped according to their local distribution and whether beneficial or injurious, etc.—F. M. Chapman in *The Auk*.

*When Knighthood was in Flower*, or, The Love Story of Charles Brandon and Mary Tudor, the King's Sister, and Happening in the Reign of His August Majesty, King Henry VIII. By Edwin Caskoden (Charles Major). The Bowen-Merrill Company.

History tells us that Charles Brandon, Duke of Suffolk, a valiant knight of the time of King Henry VIII., was sent to France to bring home the widowed French Queen, Mary Tudor, sister of Henry, and that he married her. Tradition has added many details to the record and by a judicious and masterly exploitation of both history and tradition Mr. Charles Major, a lawyer living in Shelbyville, Ind., has created what we should call, for lack of a fitter expression, an historical drama of real power. The work is as free as possible from the various tricks and artificialities so common in attempts of this kind, but its simplicity is its strength. It is a plain, straightforward tale of life, not without occasional crudities of diction, not always faultless when tried by accepted standards of literary construction, but yet, after all deductions have been made, a book of rare merit. As a character study Mr. Major's delineation of Mary Tudor is remarkable, but the author deserves quite as much praise for his unusual success in surrounding all his characters with what is technically known as the "atmosphere" of their times. This is what gives the work its wonderful unity and consistency—qualities obviously lacking in so many would-be "historical" novels. None but a devoted student of English history could have produced such an effect. One hesitates to class Mr. Major's effort with the romances of Anthony Hope; it reminds us rather of the genius of Sir Walter Scott, and without going back to Scott it would not be easy to find its equal in its particular field. Assuredly, the spirit of romanticism is not dead.—*Review of Reviews.*

*The Lesson of Popular Government.* By Gamaliel Bradford. 2 vols. The Macmillan Company.

The title of Mr. Bradford's rather formidable

two-volume work would seem to indicate that it is intended to point a moral or make an argument, rather than to present a treatise on government in the scientific spirit. Mr. Bradford for a great many years has been writing pithy letters to newspapers in Boston and New York, arguing in favor of the admission of members of the President's Cabinet to the chambers of Congress for active participation in the discussion of matters affecting their several executive departments. There is, of course, something to be said in favor of that suggestion, while there is also a great deal to be said against it. That it would work any profound change, either for better or for worse, in our government is scarcely to be believed. Mr. Bradford seems to have committed himself to his thesis first, and to have made his research and inquiry subsequently, not so much for the purpose of testing the value of his theory as for the purpose of elaborating his argument. When once the reader is warned that Mr. Bradford's book is strongly colored by his preconceived theories, it is a pleasure to say that it is a most readable and creditable contribution to the literature of contemporary politics, in both the larger and more restricted sense of the word, and that, whether or not it makes converts to Mr. Bradford's way of thinking, it must take an important place in the literature of those able and strongly sustained discussions that are always so earnestly to be encouraged as needful to the wholesome life and progress of a democracy.—*Review of Reviews.*

*Life and Public Services of Edwin M. Stanton.*  
by George C. Gorham. Houghton, Mifflin & Company.

The long expected biography of Lincoln's great war Minister is before us in two large octavo volumes, collectively termed *Life and Public Services of Edwin M. Stanton*, by George C. Gorham (Houghton, Mifflin & Company). This book contains a sketch of Mr. Stanton's early life, his professional career and his general characteristics, but, as his claims upon the respect and gratitude of his countrymen rest chiefly upon the part which he took in the preservation of the Union, his biographer's main purpose is to present the record of his relation to the civil war and to mark the place in history to which his services to the country entitle him. It will be remembered that his public life was brief, embracing as it did only the secession winter of 1860-61, three years of the civil war (1862-65) and three years of the reconstruction struggle which followed it. When he died in 1869 the passions provoked by the war of the rebellion were at the highest, and the hour had not yet come for a fair estimate of Stanton. The lapse of thirty years, however, and a revival of national pride and patriotic feeling have extinguished the violent animosities of that period, and the wounds thus healed are in no danger of being reopened by such a narrative as is needed to illustrate Stanton's work and the motives that inspired it. We think that the biographer is justified in his

belief that now the judgment of all Americans who rejoice in the possession of a reunited country will recognize the patriotic services of the great Secretary of War by whom the outcome of the struggle which involved the dismemberment of the country was, to so large an extent, determined.

\* \* \*

It is admitted by Mr. Gorham that the materials for a just and full narrative of Mr. Stanton's public life do not exist. In the very nature of the case, his most important daily work during the war left no record behind him. Mr. Stanton kept no diary, nor did he in any manner concern himself as to what should be said of him, either by his contemporaries or posterity. The great mass of papers left behind him contain no suggestion of any contribution to a biography. It is, therefore, a task of much more than ordinary difficulty which the author of this work has undertaken, and he deserves the highest credit for the skill, industry and efficiency with which it has been performed.—*N. Y. Sun.*

*How Music Developed.* By W. J. Henderson.  
F. A. Stokes Co.

Mr. Henderson's book is a critical and explanatory account of the growth of modern music. Some of its chapters are on the evolution of the piano and piano-playing, the sonata, evolution of the orchestra, chamber music, oratorio, Handel and Bach, Italian, French and German opera, etc. There is little original research, but a vast amount of traditional information presented in a much more lucid and direct style than is usually to be found in books on musical form and history. One of the strange opinions advanced is that "Rossini was not a musical genius." The author of "William Tell" was certainly a genius, but he usually squandered his gift in an unworthy manner, a victim of fashion. Probably the best chapter in the book is that on Wagner, and here the discussion of the device of leading motives is particularly worth reading. It is a common error to suppose that a listener cannot appreciate Wagner's music-dramas without committing to memory all the names of the leading motives devised by Hans von Wolzogen. Mr. Henderson shows, on the contrary, that "it does not even matter whether he knows that there are any leading motives at all."—*Nation.*

*Early Letters of George William Curtis to John S. Dwight. Brook Farm and Concord.* Edited by George Willis Cooke. Harper & Brothers.

Mr. Cooke's part of this book is a description of Brook Farm and the life of its dreamers there and at Concord. It is extremely interesting in its substance and attractive in style, charmingly prefacing and introducing the forty-one letters written by George William Curtis in the heyday of youth. These letters are valuable chiefly for the light they turn upon the admirable character of Curtis himself and upon the inner



workings of the spirit of Brook Farm at the outset of the experiment. Mr. Cooke has done a good work in preparing the book, which will be cordially welcomed by a large and cultivated audience. It is a record of enthusiasm; the pages are vibrant; transcendentalism glows unhindered; but there is a large residuum of practical common sense in the Curtis letters, common sense with poetry playing behind like soft lightning behind distant clouds.—*Independent*.

*A History of English Dramatic Literature to the Death of Queen Anne.* By A. W. Ward. The Macmillan Company.

Professor A. W. Ward's *A History of English Dramatic Literature to the Death of Queen Anne* has been for many years the standard work in this department, covering as it does with great wealth of scholarship and abundant illustration the whole development of English dramatic literature to the beginning of the eighteenth century. Since the publication of the work, now almost a century ago, great advances have been made in many of the fields which it covers; and Professor Ward has wisely concluded, not only to revise his work, but largely to rewrite it, without changing the plan or in most cases modifying his general conclusions. He acknowledges his indebtedness to "The Dictionary of National Biography," and expresses his regret that Mr. Sidney Lee's monograph on Shakespeare did not appear before this revision had gone to press. The work is now reissued in three large volumes, substantially made and thoroughly indexed, and the story is brought down to the end of the Stuart drama.—*Outlook*.

*Don Quixote.* Edited by Clifton Johnson, with Illustrations by George Cruikshank.

A new edition of Miguel de Cervantes' immortal work for popular use in home and school has just been published by the Macmillan Company, New York. From the time of the first publication of the work in 1605 the flow of new editions has been unceasing, and probably no other book except the Bible has exceeded it in the number of translations into foreign tongues. John Ormsby's clear and vivacious translation— unquestionably the best English version ever made—is the basis for the present issue, which, of course, for the uses intended, is much abridged. From it is omitted the coarseness that characterized all the novels of the age in which it was written, also some of the more bloody and offensive details of certain adventures, the many digressions of the original, and the long-winded lovers' tales of the minor characters that have nothing to do with the main story. These have either been left out or cut down, yet in no instance has anything vital been sacrificed, and, except for omissions, the text is practically unchanged. The effect has been to bring the book down to readable proportions and at the same time to make the tale thoroughly clean and wholesome. Don Quixote and his

funny squire, Sancho Panza, are two of the most notable creations in all fiction, and their adventures in the field of knight errantry have given pleasure to multitudes in the past, as they will undoubtedly give delight and pleasure to generations yet unborn.—*Trans. rpt.*

*Charles Stewart Parnell: A Biography* by R. Barry O'Brien. Harper & Brothers With Portrait.

During the ten politically active years of his life, Parnell, with perfect fairness to other statesmen of his day, may be said to have been the central figure in English politics.

The actions of the leaders of both Liberal and Conservative parties were absolutely dependent upon the attitude of the Irish leader. With no political experience, with no knowledge of the history of Irish politics, with no equipment but an intense hatred of the English Government, Parnell rose in an incredibly short time to the position of perhaps the most masterful party leadership that has been known in British politics.

His stormy career and his tragic death, the almost mysterious power he exercised over his followers, offer fascinating materials for the biographer. In the volume before us Mr. R. Barry O'Brien, who has already shown himself master of the political history of Ireland and the Irish question, has written a very readable biography. He has taken a large number of letters and documents and has written round them a running explanatory comment, in such a way as to make his work a complete record of historical sources.

Mr. O'Brien knew Mr. Parnell well, and is, perhaps, one of the very few men competent to write the life of the great Irish leader. As a good account of the most turbulent period of modern English politics, this book will be indispensable to the student, and as the admirably told story of a career which has fundamentally altered the course of English politics and completely broken up English party lines, it should be on the shelves of every one who has taken an intelligent interest in the forces that are moulding English political opinion.

It is historically accurate, plainly written, and told with an astonishing impartiality, though frankly partisan in its authorship. The liaison with Mrs. O'Shea is treated briefly. It remains for another biographer to show how clearly the disastrous ending of Parnell's career is to be traced to his defiance of social order in this respect. The large measure of political reform which has been accorded to the Irish is to be attributed directly to Parnell's astute and uncompromising leadership of the Irish Parliamentary Party. How much Parnell might have accomplished for the further benefit of Ireland, had he not deliberately cast to the dogs the good results of his work in order to gratify an illicit passion will always remain a subject for debate, but as a record of his actual accomplishment, Mr. Barry O'Brien's book will be of permanent value.—*Ed. Book Reviews*.

# Books Received.

- Annual Report of the Board of Regents of the Smithsonian Institution**, showing the Operations, Expenditures, and Condition of the Institution to July, 1897. (Washington, Government Printing Office.) Pp. xlvii + 686.
- BROWNLEE.**—*War Time Echoes*, Patriotic Poems, Heroic and Pathetic, Humorous and Dialectic of the Spanish American War. Selected and arranged by James Henry Brownlee, M.A., Professor of Elocution in the State Normal School, Carbondale, Illinois, compiler of "Marital Recitations for the Veterans' Camp Fire." (*The Werner Company.*) Pp. xvi + 209.
- BULLEN.**—*The Cruise of The Cachalot Round the World after Sperm Whales.* By Frank T. Bullen, First Mate, with illustrations. (*D. Appleton & Company.*) Pp. xx + 379. \$1.50.
- CAMPBELL-COPELAND.**—*The American Colonial Hand-book.* By T. Campbell-Copeland. 16mo, flexible cloth. 50 cents.
- CASKODEN.**—*When Knighthood was in Flower*, or "The Love Story of Charles Brandon and Mary Tudor, The King's Sister, and Happening in the Reign of His August Majesty King Henry VIII." Rewritten and rendered into modern English from Sir Edwin Caskoden's Memoir. By Edwin Caskoden (Charles Major). (*The Bowen-Merrill Company.*) Pp. 249. \$1.50.
- FARRAND.**—*Poems.* By Hiram Augustus Farrand. (*Hiram A. Farrand.*) Pp. 52.
- FRANKLIN.**—*The Light of Reason, a Solution of the Economic Riddle.* By A. B. Franklin. (*Charles H. Kerr & Company.*) Pp. 192. 35 cents.
- HEWLETT.**—*Earthwork Out of Tuscany*, being Impressions and Translations of Maurice Hewlett, with Illustrations by James Kerr-Lawson. Second Edition. Revised. (*G. P. Putnam's Sons.*) Pp. xix + 182.
- MAROT.**—*A Handbook of Labor Literature*, being a classified and annotated list of the more important books and pamphlets in the English Literature. Compiled by Helen Marot. (*Free Library of Economics and Political Science.*) Pp. 96. \$1.00.
- O'BRIEN.**—*The Life of Charles Stewart Parnell, 1846-1891.* By R. Barry O'Brien, of The Middle Temple, Barrister at Law, author of "Fifty Years of Concessions to Ireland," etc. In two volumes. (*Harper & Brothers*) Vol. I. Pp. 393.
- PULITZER.**—*That Duet at the Cateau Mar-sa-nac.* By Walter Pulitzer, author of "Chess Harmonics." (*Funk & Wagnall*) Pp. 120.
- SMITH.**—*The Philosophy of Memory and other Essays Consisting of Articles on The Philosophy of Emphasis, The Functions of The Fluid Wedge, The Birth of a Planet, The Laws of Riverflow.* By D. T. Smith, M.D., Lecturer on Medical Jurisprudence in the University of Louisville. (*Press of John P. Morton & Company.*) Pp. 203. \$1.25.
- STICKNEY.**—*Bird World*, a bird book for Children. By J. H. Stickney, assisted by Ralph Hoffman. (*Ginn & Company*) Pp. viii + 214.
- VAN ARKEL.**—*And Then Came Spring, a Story of Moods.* By Garret Van Arkel. (*E. R. Herrick & Company.*) Pp. 144.
- WHITEING.**—*No. 5 John Street.* By Richard Whiteing, author of "The Island," A Romance of the "Other Half" in London with Side-lights on the Life of the "Upper Ten." (*The Century Co*) Pp. 300. \$1.50.



# MONTHLY LIST OF NEW BOOKS.

Issued from the 24th of March, to the 24th of April, '99.

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**AMERICAN ART ANNUAL.**—1898. FLORENCE N. LEVY, Editor. 8vo, cloth, pp. 540. Price, \$3.00.

An admirably arranged reference-book, containing complete information concerning the art exhibitions and sales of the past year, together with very full lists of American painters, sculptors, designers, illustrators, art dealers, etc. It is fully illustrated from photographs of notable productions shown at the various exhibitions.

**ARNOLD AND PATER.**—*Sweetness and Light.* By MATTHEW ARNOLD (Reprinted from "Culture and Anarchy"). And *An Essay on Style.* By WALTER PATER (Reprinted from "Appreciations"). 16mo, cloth, gilt top, pp. 140. Price, 75 cents. *Miniature Series.*

**BROWN.**—*History of Scotland.* Vol. I. To the Accession of Mary Stewart. By P. HUMFREY BROWN, M.A., LL.D., Author of "The Life of George Buchanan," "The Life of John Knox," etc. With Seven Maps. 12mo, cloth, pp. xix + 408. Price, \$1.75, net. *Cambridge Historical Series.*

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A series of translations into Greek and Latin from familiar passages of English authors. Among the translators appear Professor Butcher, A. W. Verrall, R. C. Jebb, the late Right Reverend J. B. Lightfoot, and others as well known in literature. The volume is a model of fine book-making, and may well serve as a memorial of the classical scholarship of the university whose name it bears.

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Whatever illustrated books may appear later, these volumes will take a prominent place among the best of the publications of the year. Enriched with a great number of reproductions from Japanese prints and rare photographs, the book affords a delightful study of the life and customs of the Japanese. Mrs. Fraser, as the wife of the British Minister, had free access to social circles not usually opened for foreigners. She has also been allowed to reproduce some photographs of the Imperial family which have not been previously published. No pains having been spared to make the setting as charming as possible. Paper, presswork, and binding are all pleasing to the eye, and quite distinctive in their individual features.

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**HUTTON.**—*Aspects of Religious and Scientific Thought.* By the late RICHARD HOLT HUTTON. Selected from the *Spectator*, and edited by his niece, ELIZABETH M. RUSCOE. With Frontispiece Portrait. Globe 8vo, cloth, pp. xi + 415. Price, \$1.50. *Eversley Series.*

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**LEE.**—*Dictionary of National Biography.* Edited by SIDNEY LEE. Volume LVIII. Ubaldini—Wakefield. 8vo, cloth, gilt top, pp. vi + 463. Price, \$3.75, *net.*

The completion of the Dictionary now seems fairly well in sight, as there will probably be but two more volumes. The present volume contains the usual number of illustrious names, among them Sir Harry Vane and George Villiers, first Duke of Buckingham. Both biographies are by C. H. Firth.

**LEWIS.**—*An Introduction to the Study of Literature.* For the use of Secondary and Graded Schools. Edited by EDWIN HERBERT LEWIS, Ph.D., Associate Professor in the Lewis Institute. Author of "A First Book in Writing English." 12mo, cloth, pp. xix + 410. Price, \$1.00, *net.*

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# Book Reviews

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RICHARD CARVEL.\*

THE demands upon modern writers of fiction are myriad in the variety of request. The cries of the readers for satiety of emotions are unceasing, irrepressible, exacting. "Reveal to me a heart," says one; "analyze a character," says another. "Give me adventure; give me history," cries a third—and so it has gone on until the author no longer allows himself the privilege of selection but is forced to devote all his energy to harmonious combinations, while the appeals continue to ring in his ears: "console me," "amuse me," "make me weep," "make me laugh," "make me dream," "make me shudder."

Skill in all-satisfying combinations is not easy to achieve. The author not infrequently sacrifices his construction to his emotions. He may laugh, or weep, or be consoled over the artistic transgression, but the reader will be moved to none of these excesses.

Or, he may assert his own individuality and by a magnificent tour de force relate simply what is in his mind. Few writers have done this successfully. Thackeray did it. Du Maurier did it. But who else? A tale has to be very fascinating indeed to withstand the dictum of the critic, "the greatest defect in the work is that it is not, properly speaking, a novel."

But, after all, there may be a higher art than working out destiny through the conventions of exposition, action and denouement—an art that is truly great because its construction defies casual analysis. Who therefore are the great artists? Guy de Maupassant replies, "Les grands artistes sont ceux qui imposent à l'humanité leur illusion particulière." A writer of fiction has just taken his place among these "grands artistes." His name is Mr. Winston Churchill, generally known until this moment as the author of a very clever novel called *The Celebrity*. But *The Celebrity*, however ingenious its conception, however gay its mirth, however biting its sarcasm, however perfect its form, gave scarce an intimation that its author was capable of writing *Richard Carvel*. Yet, Mr. Churchill has written *Richard Carvel*, and *Richard Carvel* is a great story. The myriad cries for satiety have been answered.

The author sets his scene between the years 1765 and 1782—in colonial Maryland, on the high seas, in London, and again in Maryland. It is a love story first of all; of this the reader is never made unconscious. No matter how fascinating the development of character, no matter how absorbing and vivid the adventure, the history, and

\**Richard Carvel*. By Winston Churchill, author of *The Celebrity*.

the multitudinous distractions that the author introduces with consummate art, the reader never quite loses sight of the great, patient love of the hero for the charming coquettish little maiden—she who becomes a woman of mild intrigue, a lady of fashion, almost a woman of the world, until adversity reveals to herself her true nature and discovers to her her heart. And from time to time into the scenes pass personages that are more or less great in history. They neither come up through trap doors nor do they intrude from behind the arras. They appear naturally in the life of their time. The reader sees them through Carvel's eyes, and learns to appreciate them through Carvel's appreciation. And this leads me to speak of the form in which Mr. Churchill has elected to present his tale.

If our reckoning be correct, it was about 1845 that Richard Carvel, then just passed four score years and ten, began to relate to his grand children the story of one important period in his life. He tells his own story, and, in adopting this method Mr. Churchill has a conspicuous advantage over the historical novelist, who in the third or more frequently in the first person places his story in the past time. *Richard Carvel* is a grand reminiscence, so adroitly related and with such a power of visualization that there is no jarring note between the remembered dialogues of 1765 and the sympathetic digressions of the old man in 1845. At times the reader is struck by the sheer force of visualization that is exerted upon him. Again he marvels at the pathetic simplicity. Whatever be the mood of the writer his hand never protrudes from behind the scenes, nor can the prompter's voice be heard.

Through repeated conversations we become acquainted with Richard Carvel's grandfather, Lionel Carvel, Esq., of Carvel Hall, in the county of Queen Anne, in the Province of Maryland. Yet in a few strong lines we learn to know Richard's father "Captain Jack," who met an untimely death, and the gentle, mysterious mother who had been rescued when a little tot at sea. She bore around her neck a chain holding a locket which contained this pitiful legend: "Elle est la mienne, quoiqu' elle ne porte pas mon nom." And of Uncle Grafton Carvel, the unsuccessful suitor for her hand, the schemer, the Tory, and of the Rev. Mr. Allen, this archfiend's assistant, of Mr. Manners, one of the choicest imps of hypocrisy and intrigue that ever walked in print, and of the smirking Duke of Chartersea, we learn to know and to detest just as Richard Carvel learned to know and to detest them. In the same way we cannot conceal our admiration for the generous and faithful young Lord Comyn any more than could Richard Carvel.

As has been said, the great men who have made history are introduced into the story most unsuspectingly. Richard Carvel, when a youth, met Washington at a coffee house in Annapolis. He was presented in this way: "Col. Washington," said the captain, "this is Mr. Richard Carvel, the son of Captain Carvel." And, in the conversation that ensued, we are told that, "Mr. Washington had agriculture at his finger ends, and gave me some advice which he had found serviceable at Mount Vernon."

In the same casual manner the reader becomes acquainted in London with Horace Walpole, with Lord Baltimore, and with young Charles James Fox, "the St. Paul of English politics." The entrance of John Paul Jones upon the scene is somewhat tragic; still, as his identity is practically concealed from the reader under his true name of Capt. John Paul, there is no taint of the melodrama, while a lot is truthfully told concerning "Jones'" early life on the high seas, why he disowned Scotland, his native land; and his aspirations. And the reader must be unimpressible, indeed, who

can resist the magnetism of such a strange individuality any more than Richard Carvel could. Here is only one of the many attributes that Carvel bestows upon Capt. John Paul.

Saving for only Dr. Courtney, of Annapolis, I had never met his equal for versatility of speech and command of fine language; and, having heard that he had been at sea since the age of twelve, I made bold to ask him at what school he had got his knowledge.

"At none, Richard," he answered with pride, "saving the rudiments at the Parish School at Kirkbeañ."

Even Walpole was amazed at the learning of the young Scotchman, whom all London was soon to decry as a traitor and pirate. Walpole does not reveal himself at the first meeting, either to Capt. Paul or to the reader, but when the Scotchman gives him a thrust through a quotation from Shakespeare, he blurts out, "You quote Hamlet. Who the devil are you, sir?"

It seems that the one great craving of Capt. Paul was to be a gentleman. He once sadly said to his companion: "Ah, Richard, I fear you little know the value of that which hath been so lavishly bestowed upon you. There is no creation in the world equal to your fine gentleman!"

But that was Capt. Paul in London. He was soon to learn that all that glitters is not gold. Yet, when he learned it, he simply transferred his craving to something just as unattainable. And so it was throughout his life—proud, ambitious, never satisfied. What a strange, magnetic, many-sided man he was. Some time after the London episode he addresses a meeting of patriots in Annapolis on the necessity of at once organizing a continental Navy. He says:

"I would divide our forces into small, swift-sailing squadrons, of strength sufficient to repel her (England's) cruisers. And I would carry the war straight into her unprotected ports of trade. I can name a score of such defenceless places, and I know every shoal of their harbors. For example, Whitehaven may be entered. That is a town of 50,000 inhabitants. The fleet of merchantmen might be destroyed, a contribution levied, and Ireland's coal cut off for a winter. The whole of the shipping might be swept out of the Clyde."

History tells us how well he turned his theory to account.

Richard Carvel, as the intimate friend of young Lord Comyn is introduced into the full swing of London Society, as it existed in the early seventies of the last century. He became at once one of the admirers of Fox, and thus he is made to paint the young liberator's picture more than half a century later.

Pen and paper, brush and canvas, are wholly inadequate to describe the charm of the man. When he desired to please his conversation and the expression of his face must have moved a temperament of stone itself. None ever had more devoted friends or more ardent admirers. They saw his faults, which he laid bare before them, but they settled his debts again and again, vast sums of which he lost at Newmarket and at Brooks's.

Above all Charles James Fox was very human. But possibly his nature is shown at its best at his last parting with Richard. Richard, who was wounded in the engagement between the Serapis and the Bon Homme Richard, has been lying concealed in the heart of London nursed by Dorothy and watched over by Lord Comyn and Fox. He is about to be betrayed to the English Government by his Uncle Grafton. He must leave London at once. Fox hurries him and Dorothy into a carriage.

"Who is to mend my waistcoat now?" he cried. "Faith, I shall treasure this against you, Richard. Good-bye, my lad, and obey your rebel general. Alas! I must ask your permission to salute her." And he kissed the unresisting Dorothy on both her cheeks. "God keep the two of you," he said, "for I love you with all my heart."

A mere fleeting glimpse, yet a brilliant one, is given of Garrick, the actor. Carvel relates:

He appeared much smaller off the boards than on, and his actions and speech were quick and nervous. Gast, his hairdresser, was making him up for the character of Richard III.

"Ods," said Mr. Garrick, "your lordships come five minutes too late. Goldsmith is but gone hence, fresh from his tailor, Filby, of Water Lane. The most gorgeous creature in London, gentlemen, I'll be sworn. He is even now, so he would have me know, gone by invitation to my Lord Denbigh's box, to ogle the ladies."

In sharp contrast to the seemingly capricious Dorothy stands the sedate, prim figure of Patty Swain, whose father, a self-made man, had risen from the position of a poor lawyer to a prominent and honored rank among the patriots of Maryland. We doubt if any author has ever so charmingly and graciously portrayed the picture of unrequited love in woman as has Mr. Churchill in the person of the true, patient Patty. There is no exaggeration of emotion; nor can the finest sensibility be disturbed when Patty reveals her love and then closes it within her breast forever. Her sad question to Carvel's proposal, "Richard, do you love me?" reveals so much and yet tells so little. At that moment the reader is apt to forget Dorothy even if Carvel does not.

Mr. Churchill knows his London of the last century thoroughly, just as he knows the province of Maryland where the spirit of revolution was slowly but surely developing. But it is in his descriptions of the London into which he plunges the young Maryland aristocrat that he excels. It was above all a gaming society in which Richard Carvel found himself over there. "Guineas were staked and won upon frugal King George and his barley-water; Charles Fox and his debts; the intrigues of Choiseul and the Du Barry and the sensational marriage of the Duc d'Orléans with Madame de Montesson (for your macaroni knew his Paris as well as his London); Lord March and his opera singer; and even the doings of Betty, the apple-woman of St. James's Street, and the beautiful barmaid of Nando's in whom my Lord Thurlow was said to be interested. All these, and much more not to be repeated, were duly set down in the betting-books at White's and Brooks's."

Carvel lived a varied and full life in London. He suffered the agonies of Castle Yard and the Sponging house; he visited Arlington Street; he entered the exclusive precincts of the Holland House; he beheld Hyde Park by day and Drury Lane, the Sodom of London, by night. Goldsmith does not give a more vivid description of the debtors' jail, nor De Quincey of the pitiless heart of the Metropolis than is found in the volume before us.

A word about the author's art. The illusion that it is Richard Carvel who speaks directly to you is maintained until the very end. Often Mr. Churchill shows his art by what is left unsaid. He allows Carvel to relate none of his adventures on the slaver's craft, and by a well-devised scheme he has a supposed descendant of Richard Carvel condense certain pages which might not be acceptable to the general reader, but which in their revised form invite the curiosity. Nor does Mr. Churchill attempt the impossible by putting words which could be naught but inadequate into the mouths of his characters. For example Carvel says: "As long as I live I shall never forget John

Paul's alighting upon the bridge of the Sark to rid himself of a mighty farewell address to Scotland he had been composing on the road." The reader is left to his own imagination, built upon the already potent impressions of this strange individuality, to conceive the nature of the address. In the same way Mr. Churchill takes cautious care of Fox, Walpole and Washington. These are only a few instances to show the pains that has been taken to preserve the economy of the reader's attention.

There is no straining after effects. Mr. Churchill is as natural in his character drawing as he is in his descriptions of place. The dramatis personæ brought forward in retrospect from the mind of the o'd man, live, articulate, and have their being and vanish, and the touch of regret that is betrayed in Richard Carvel, at their passing, acts upon the reader through its spontaneity and gentle sweetness.

Mr. Churchill has bestowed upon Richard Carvel the most intensely human attributes—honesty, with all its primitive characteristics, a nature that is simple, sincere, gentle and lovable, a detestation of all sham and false pretense, a healthy passion whose outbursts are at length controlled by an indomitable will, a reverence for the beautiful and good—and upon the old man, with his four score years and ten, a most charming and delightful egotism.

Mr. Churchill writes with wonderful ease and graphic diction, with a consummate knowledge and intimate sense of place and action, with inexhaustible fertility in dialogue, with surprising vitality in character drawing, with a refined appreciation of the limitations of fiction—limitations which are never transgressed.

WALTER LITTLEFIELD.

### SOME RECENT CONTRIBUTIONS TO THE LITERATURE OF EDUCATION.\*

To one who compares the best books on education and teaching of thirty years ago with those of to-day—barring a few educational classics—the superior average quality of the latter is very striking. This seems to be due not alone to the advancement of pedagogical knowledge, but also to the marked intellectual superiority and higher training of the authors, which—because usually they are practical educators—means that the profession of education includes a greater number of men of talent and character than a generation ago. A different and better class of men has entered this important vocation, and a different and better class within it has deemed educational themes

*\*Educational Reform*, by Charles William Eliot, LL. D., President of Harvard University. New York, The Century Company.

*University Problems*, by Daniel Coit Gilman, LL. D., President of Johns Hopkins University. New York, The Century Company.

*The Meaning of Education*, by Nicholas Murray Butler, Ph. D., Professor of Philosophy and Education in Columbia University. New York, The Macmillan Company.

*The Development of the Child*, by Nathan Oppenheim, M. D., Attending Physician to the Children's Department of Mount Sinai Hospital. New York, The Macmillan Company.

*The Study of Children*, by Francis Warner, M. D., Physician to and Lecturer at the London Hospital, New York, The Macmillan Company.

*Psychologic Foundations of Education*, by William T. Harris, LL. D., United States Commissioner of Education. New York, D. Appleton & Co.

worthy of its voice and pen. These facts are admirably illustrated by the books—some of them the most notable that have appeared in recent years—selected for consideration in this article. The new sciences of experimental psychology, hygiene, sociology, politics, and economics have shed a flood of new light upon the problems of education both as a process of the development of the child and as a preparation for his future life in the world.

President Eliot has brought together in a single volume the most important of his essays upon education since his appointment to the presidency of Harvard University, thirty years ago. This book is unique in this or any other field. It is both prophecy and history. Any reader of his inaugural address, delivered in October, 1869, which forms the first chapter of this work, who has followed the distinguished author's career as an educator, will at once see that it enunciated principles, outlined policies, and advocated measures that have not only since been carried out by him, but have also moulded and influenced American education from the primary school through the university and the professional school during the past two decades. If ever a man was raised up to do a special work Charles William Eliot is such a man; and if ever such work was well done, his has been most ably and thoroughly performed. If proof were needed that he has had the keen penetration of a seer, it is amply furnished in his inaugural address. With one slight exception, the views he then stated and the policy he then announced he still holds and advocates, and has very largely carried out. Though *he* has experienced but little or no change, great changes in others have taken place. Then, he stood almost alone, and was warmly—sometimes bitterly—opposed; now, he has many imitators, sympathizers, and followers both open and disguised. Probably no man in this century has exerted a profounder or more far-reaching influence upon education than he; and it has been wholly salutary and uplifting. His beneficent influence has not been confined, moreover, to the special field of education. It has been strongly felt, both directly and indirectly, in the wider arena of civic and political life. Indeed, it is not risking too much to say that, excepting two or three men, no man of the nineteenth century has rendered greater or more lasting services to his country than has the eminent President of Harvard University. These he has performed not merely in virtue of the honorable position he has worthily held as the head of our oldest and most distinguished seat of learning, but also—and chiefly—by reason of his intellectual primacy and moral insight into the nature and highest needs of his fellow men, and of the community, the state, and the nation.

It is very interesting, therefore, to note the fundamental principles and measures which he has stated and advocated. As contained in the present volume, they may be conveniently summarized as follows :

1. The community is spiritually enriched and advanced by the fullest development of the intellect and character of the individual.
2. The individual is best developed by opening to him the widest and richest opportunities of self-realization and self-culture, from which he should freely choose; that is, the elective system is highly desirable and necessary for the best education in secondary schools and colleges.
3. Education from the kindergarten through the university is organically one.
4. All waste in education, whether by reason of poor courses of study, unwise or ineffective methods of teaching, inferior teachers, defective buildings, or inadequate apparatus, should be rigorously avoided.
5. American youth should be better taught a richer and larger curriculum in a shorter time than is now the custom.
6. True democracy demands the opening of the best to the humblest; hence several studies heretofore postponed to the

secondary school, which is attended by comparatively few, should be begun in the elementary school, which is attended by the many. 7. Preparation for college should also be preparation for life, not by lowering the standard of admission to college, but by raising the standard of the non-college preparatory course and thus making the two coincident or identical. 8. Teachers should be most thoroughly prepared and very carefully chosen for their life work. 9. The tenure of office of good teachers should be made secure by both law and public opinion, but inferior teachers should either be improved or—where that is impossible—dismissed. 10. School systems on the educational side should be under the control of educational experts, and on the financial side in the hands of small boards of highly intelligent and public spirited business and professional men. 11. The best opportunities for education should be opened to women. 12. Examinations of both pupils and teachers should not be abandoned but improved and strengthened as vigorous and impartial tests of ability, knowledge, and fidelity. 13. Candidates for admission to professional schools should have opportunity and should be encouraged while in college to study in a broad and liberal way the branches that underlie their future vocations. 14. Eleemosynary education of ministers and others is unwise and should be abandoned.

On many pages of the book the reader finds choice epigrams and other quotable passages. This is especially true of the earlier essays, which show a masterly literary touch. Indeed, the work does not contain a dull or useless sentence. The author's characteristic clearness of thought and expression, scientific accuracy, and directness of statement, are everywhere apparent. As an example, and to enforce some of his views, the following extracts are made: "Truth and right are above utility in all realms of thought and action." "Inherited wealth is an unmitigated curse when divorced from culture." "The country suffers when the rich are ignorant and unrefined." "Two kinds of men make good teachers—young men and men who never grow old." "The inertia of a massive university is formidable." "A good past is positively dangerous if it makes us content with the present, and so unprepared for the future." "An institution like this College is getting decrepit when it sits down contentedly on its mortgages." "The Corporation demands of all its teachers that they be grave, reverent, and high-minded; but it leaves them, like their pupils, free." "A university is built, not by a sect, but by a nation." "It is his [a college president's] character and his judgment which are of importance, not his opinions." "Boyhood is the best time to learn new languages; so that as many as possible of the four languages French, German, Latin and Greek ought to be begun in school," "Greek literature compares with English as Homer compares with Shakespere, that is, as infantile with adult civilization." "In education, as in other things, I am a firm believer in the principle of expending the least force which will accomplish the object in view." "There is no place so safe as a good college during the critical passage from boyhood to manhood." "A mind must work to grow." "The elective system fosters scholarship, because it gives free play to natural preferences and inborn aptitudes, makes possible enthusiasm for a chosen work, relieves the professor and the ardent disciple of the presence of a body of students who are compelled to an unwelcome task." "I have never known a student of any capacity to select for himself a set of studies covering four years which did not apparently possess more theoretical and practical merit with his case than the required curriculum of my college days."

The arguments in this book in favor of the introduction of modern studies in the curriculum, such as the natural and physical sciences, the modern foreign languages,



history, English, and economics, are exceedingly interesting and convincing. "Convincing" is indeed the fittest adjective to describe President Eliot's addresses. Even the most casual reader can easily appreciate the force of Colonel Thomas Wentworth Higginson's recent appellation applied to him: "The Prince Rupert of debate." The last essay of the book, "The Function of Education in Democratic Society" is doubtless the best presentation of the subject that has yet appeared, and will become an educational classic. In it he combats the modern fallacy of equality, and shows how undemocratic in principle is the notion that choice intellects and select spirits are to be held back upon the plane of common mediocrity for the sake of inferior minds; and how unwise, in a republic, is the common contempt or indifference for specialists and other highly educated men. It is replete with moral and literary beauty, refined eloquence, and the inspiration of hope.

Although setting the highest intellectual and moral standards, the author feels that his is not only an attainable ideal, but also one that will in time give place to a higher and better one. While it is true that the book is a record of much actual progress in American education, yet it is equally true that it prophesies and portrays desirable conditions that will not be realized very extensively for years to come; but it will yet be realized. President Eliot has successfully met nearly all of the many objections that have been made to his views. To the assertion that he has expected the impossible of teachers and pupils, he has pointed to Germany, England, and France. To the claim that he has disregarded the health of pupils, the reader may refer to his address on behalf of better sanitary and hygienic conditions at home and school and ampler provisions for the pupils' outdoor exercise.

There is but one statement in the book which recent progress in science might amend: "Thanks to the beneficent mysteries of hereditary transmission, no capital earns such interest as personal culture." This was written in 1869, and until very lately such an opinion in regard to the influence of heredity upon mental development has been generally accepted for years. The truth probably is, however, that only somatic peculiarities are thus transmissible. It seems unlikely that the child inherits from the parent any acquired characteristics of the latter. The mental and moral character of the adult would therefore seem to be due more to environment and the conscious process of education than to heredity.

Everywhere in the volume, one notes the broadest catholicity of spirit, the most generous hospitality towards all studies and means of culture, and the stimulating atmosphere and aroma of freedom. At the same time, one finds the highest ethical and æsthetic standards, the most sensitive conscience, the finest sense of honor, genuine sympathy with the frail and defective, and the greatest scorn of whatever is mean, disreputable, and dishonorable in public, private, and academic life. In short, the book faithfully reflects the man; for such are the traits of his own character and the guiding principles of his own professional and private life.

President Gilman's book both resembles and differs from President Eliot's; but the resemblance is greater than the difference. These two belong to the same type of university president, of which President Eliot was the first example; and even yet there are but a few in their class. The latter became president of Harvard in 1869; the former of the University of California, in 1872, and of the Johns Hopkins University, 1876. Both were among the first laymen appointed to such positions. Perhaps by reason of the similarity of their views and sympathies, to the careful reader there seems to be an unconscious imitation or acceptance of President Eliot's views by President Gilman. It is entirely un-

conscious, however ; for the latter is an independent, vigorous, and courageous thinker. In his book, nevertheless, one does not catch quite the same degree of freedom of thought as he finds in President Eliot's essays. Be this, however, as it may, President Gilman's book of essays and addresses, selected from those he has written since 1871, is a very able contribution to the literature of higher education. Wherever he agrees with President Eliot—and such is generally the case—it is always creditable alike to his good sense and sound judgment. The two books differ chiefly in two respects: President Eliot has given much attention in his essays not only to university, but also to secondary and elementary education, while President Gilman has confined himself—in accordance with the title of his book—to the problems of university education; secondly, President Gilman has made larger requisitions upon the history of education and of scientific discovery and progress than President Eliot. Indeed, his essays give in very convenient form and most interesting way a large body of historical facts in science and education. This is especially true of his addresses on "The Sheffield Scientific School of Yale University" and "Modern Progress in Medicine."

As to the characteristics and aims of a university, he is in substantial agreement with President Eliot; and states them most admirably. For the individual, he says: "It is a place of sound education;" "to sum all in one statement, it is a place for the development of manliness." For society, he says: "These functions [of a university] may be stated as the acquisition, conservation, refinement, and distribution of knowledge." He is, moreover, in agreement with President Eliot regarding the evil of numerous attempts to found new universities instead of the concentration of energy and wealth upon a relatively few great institutions of learning; upon the inexpediency of establishing a national university at Washington, D. C.; upon the value of the practice, as exemplified by students in Germany, of migrating from one American university to another of good repute in preparation for the doctor's degree in philosophy; upon the importance of divorcing universities from the church; and upon the wisdom of specialization by university students, if dominated by the liberal rather than the utilitarian spirit. But President Gilman emphasizes much more than President Eliot the importance of a broad foundation in a wide range of disciplinary studies prior to specialization in the university. Indeed, the accent he gives to breadth of preparation leads one to suspect that he does not fully endorse President Eliot's advocacy of the elective system below the college grade. It is probable that he would make a group of studies rather than a single study the unit of the student's choice in the secondary school and in the early years of the college. It is likely, also, that he has more respect for the study of Greek than has President Eliot. The latter says: "It is a very rare scholar who has not learned much more about the Jews, the Greeks, or the Romans, through English than through Hebrew, Greek, or Latin." President Gilman, on the other hand, states: "This [the reading of translations of ancient classics] is a good sign; only it is well to remember that reading translations is not reading Greek; and, as Jebb goes on to say, we must not forget the difference between 'the knowledge at second-hand' which the intelligent public can possess and 'the knowledge at first-hand' which it is the business of the libraries and professorships at a university to perpetuate." It is but fair to say, however, that President Gilman lays equal stress with President Eliot upon the study of modern science—notably biology, physics, chemistry—mathematics, history, politics, economics, French, and German.

One is impressed by the dignity and strength of the author's style. Perhaps his essays lack the clearness and unity of President Eliot's. His tendency is to use larger

words and more Latin derivatives than President Eliot; but it would not be true to say that his style is ponderous. It is far from it; it is fresh and interesting throughout, with a seriousness becoming the gravity of the themes discussed. It is, moreover, easy to find quotable passages: "It is not the number but the quality of students which determines the character of a high school [meaning a college or university, an unfortunate use of the word in this country where "high school" applies only to a public secondary school]. "It is important to count; it is better to weigh." "Rather let me say that there are heroes and martyrs, prophets and apostles of learning, as there are of religion." In pointing out that universities are the centers of light and leading in any country, he says: "Every word I can spare must be given to emphasise the fact, which is most likely to be forgotten, that these wonderful inventions are the direct fruit of university studies. I do not undervalue the work of practical men when I say that the most brilliant inventor has been dependent upon an unseen company of scholars, the discoverers and formulators of laws which he has been able to apply to methods and instruments."

In speaking of the functions of a university, he says: "Among the offices of a university there is one too often undervalued and perhaps forgotten—the discovery and development of unusual talent." "Such men are rarely produced in the freedom of the wilderness, in the publicity of travel and trade, or in the seclusion of private life," but in the highest institutions of learning. "Among the characteristics of a university I name the defense of ideality, the maintenance of spirituality." "That piety is infantile which apprehends that knowledge is fatal to reverence, devotion, righteousness and faith."

President Gilman's place among American educators, as one of the foremost of our university presidents, is at least partially explained by his wide comprehension and clear grasp of the higher education and its proper organization and administration. This is shown in his classification of "the institutions which are found in modern society by the promotion of superior education: 1. Universities; 2. Learned Societies; 3. Colleges; 4. Technical Schools; 5. Museums (including literary and scientific collections)." No man, moreover, has a better understanding than he of the qualifications, duties, and opportunities of college and university professors; and no man has written with greater intelligence and appreciation than he of the nature, value, and functions of a university library and its librarian. Among the wise statements he makes of them are these: "A library is not merely a magazine or storehouse. It is rather an organism which has life, which tends to self-preservation, growth, and reproduction." "Inspiration is one of the chief functions of a library."

Like the two foregoing books, Professor Butler's consists of a selection from his published essays and addresses during the past fifteen years. In each of them the author has something to say, and says it with directness and force. Each shows his familiar acquaintance with the literature of the subject, and that he has thought his way thoroughly to the bottom and to the end of it. His language, moreover, is as clear as his thought. In the introduction he states his educational creed thus: "First, that education in the broad sense in which I use the term is the most important of human interests, since it deals with the preservation of the culture and efficiency that we have inherited and with their extension and development; second, that this human interest can and should be studied in a scientific spirit and by a scientific method; and, third, that in a democracy at least an education is a failure that does not relate itself to the duties and opportunities of citizenship." He believes in a philosophy of

education, and finds its basis (1) in "the facts of organic and social evolution;" and (2) in the explanation of "the facts of nature in terms of energy" which "can be conceived only in terms of will," the fundamental form of mental and spiritual life. He maintains that there is a science of education in the same sense in which physicians claim that there is a science of medicine. The inexactness of each he regards no invalidation of their scientific character; for, otherwise, only the mathematical sciences could justly claim the name.

In the first essay, "the Meaning of Education," which gives the book its title, the author seeks a scientific basis of education, and finds it in the doctrine of evolution. Man is the only animal having a prolonged infancy and requiring for development to maturity a series of adjustments to environment. Just here is both the necessity and the justification of a conscious and more or less formal process, called education. Such a correlation of education with evolution is both sound sense and good science; for it is in harmony with the truth that the final product of adult character is due much more to re-action upon environment than to instinct and heredity. Defining education as "a gradual adjustment to the spiritual possessions of the race," Professor Butler classifies them as the scientific, the literary, the æsthetic, the institutional, and the religious inheritance of the child. He then proceeds to discuss them both as ends and means of culture. In the second essay, "What knowledge is of most Worth?" he holds a brief for the humanities, though showing great liberality and hospitality toward all branches of learning. He feels that this view offers a sure standing ground for true educational theory; and "reveals to us, not as an hypothesis but as a fact, education as a spiritual growth toward intellectual and moral perfection and saves us from the peril of viewing it as an artificial process according to mechanical formulas." To the question, "Is there a new education?" he answers, Yes, in three senses: "the new as the hitherto non-existent, the new as comparatively recent, and the new as the hitherto unfamiliar." He finds the new education not only in the new aims and methods but also in the new sciences: psychology, biology, sociology, politics, and economics. In educational theory and practice, he emphasises the importance of the doctrines of apperception and interest, and agrees with Dr. W. T. Harris that the course of study is not to be settled either "by tradition or by conditions wholly psychological" but chiefly "by the requirement of the civilization into which the child is born." This education rests largely upon a sociological basis. In "Democracy and Education," he forcibly shows the dependence of the former upon the latter, and unsparingly condemns the tendency of educated men to avoid political life. He strongly urges a revision of the curriculum with a view to better education for citizenship, and more strongly advocates deeper interest in and a wider knowledge of civic affairs on the part of teachers as well as a clearer sense of their duties to their pupils as future citizens of the Republic. In subsequent essays, he affirms the value of the college in distinction from the university, and predicts its permanence as an organic part of the American system of education, maintains that the function of the secondary school is to prepare pupils for life rather than merely for college, and urges a reform of secondary education in the United States, in the directions indicated by the celebrated Report of the Committee of Ten of the National Educational Association, published in 1894.

In various parts of his book Professor Butler discusses—directly or indirectly—and commits himself upon nearly all the important educational questions that have arisen during the last dozen years. The influence of President Eliot's views is more than once apparent, but this is no disparagement; for it is unavoidable in the case of every think-

ing educator of the last quarter of a century. It is to be noted, however, that he does not so strongly approve of the elective system below the college as President Eliot; that he warmly denounces formal examinations as exclusive tests of fitness for admission to college—something which President Eliot does not disapprove; and calls attention to the dangers of excessive specialization by college and university students—something which President Eliot does not fear. Unlike President Eliot's and President Gilman's books, his is provided with a good index. In conclusion, it may be said that Professor Butler has in this book made a distinctly valuable and able addition to works dealing with the science and art of education.

Dr. Oppenheim's book is one of the most valuable and considerable contributions to the literature of education that has appeared for several years; Dr. Warner's is scarcely less so. They are both rigorously scientific without the handicap of technical nomenclature; and both have much in common. It is an interesting coincidence that at the same time, and probably each without the knowledge of the other, two specialists—occupying similar professional positions on opposite sides of the Atlantic—should write books on similar subjects. The two books, however, differ materially in certain respects: While Dr. Oppenheim's—though based upon scientifically ascertained facts and a large number of experiments—is chiefly devoted to a statement of results, with inferences bearing upon educational theory and practice, Dr. Warner's is more of a practical hand-book for the teacher's scientific study of children. The principal theses defended by Dr. Oppenheim are these: 1. The child is in no way really like the adult. 2. Environment and education, and not heredity, are by far the most potent factors in the development of the child from infancy to maturity; and 3. Mental and moral character depend largely upon physical health and growth. All else in his book—and there is much of great value—are but corollaries and scholia of these three propositions. He is, therefore, directly opposed to Chandellor W. H. Payne and others who hold with him that there is no child psychology as distinguished from adult psychology. Dr. Oppenheim not only denies the truth of the doctrine of heredity, except as to the transmission of somatic characteristics, but also holds it responsible for many evils in home and school training. He regards it not only pernicious, but absurd. If it be true, it must follow, he maintains, that the wisest and best efforts of training are unnecessary and useless. His arguments—based upon authentic data and many incontestable facts—in support of his thesis seem convincing and incontrovertible. To the layman, many of his statements are startling, and—if true—are likely to revolutionize both school and home training in respect both to method and matter of instruction. It would seem that Dr. Stanley Hall's views and predictions as to the future of American education here find strong confirmation. In Dr. Oppenheim's presentation the physical basis of mental and moral life was never more clearly proved. Indeed, the word "health" in his discussions assumes a new meaning: the complete development in form and function of every organ of the human body. The chief essential of perfect health is perfect nutrition of every cell in the physical organism. Every degree of mental and moral power, every diversity of temperament, every defect of mind and character, all are shown to depend in great measure upon proper nutrition and the all round development of every bodily tissue. All this seems like crass materialism; but such is not the author's philosophy. He merely places needed emphasis upon the physical conditions of spiritual life. He discusses "the place of the primary school" and "the place of religion;" and—while approving certain features of the kindergarten—sharply criticises some of its aims and methods. He sees very much in home and school that exhausts,

over strains, and starves the child; and asserts that too much is expected of him during his early years. One of the most interesting and useful chapters in the book is the last, 'The Profession of Maternity,' which every young woman and every mother should read.

Dr. Warner, like Dr. Oppenheim—though in less detail—traces the physical development of the child to maternity. His discussions of the various topics of his book are illustrated by fifty classified "cases," which add materially to the clearness and force of his views. He gives several schematic outlines or schedules for the study of children, and shows how to use them. He indicates "the signs of nutrition," gives "points for observation" of children, interprets peculiar motor activities, and discusses "adolescence" and "hygiene and health management during school life." Among many other interesting things, he states that "a larger proportion of boys than girls present defect in development, abnormal nerve-signs, and mental dulness; but the girls present the largest proportion of delicate cases." "The general rule, that defectiveness falls mostly on the male sex, holds good also in adult life, as seen among the classes with physical infirmities, the blind, deaf, and mentally deranged from childhood; so also for criminals and paupers according to the English Census and other official returns."

Dr. Warner's and Dr. Oppenheim's books strongly supplement each other, and should be read and used together by every teacher and parent.

To intelligent educators, it is needless to say that Commissioner Harris has contributed a very strong book to the "International Education Series," of which he is editor. It is further unnecessary to say that—although the distinguished author is a scholar of liberal spirit and broad views—his discussion of the "Psychologic Foundations of Education" is metaphysical in spirit and method, and also shows evidences of the influence of the Hegelian philosophy. Far from being any disparagement, on the contrary, these characteristics make the work all the more valuable. Nowhere else can one find the relation between psychology and philosophy more clearly and satisfactorily explained. Indeed, the chief merit of the book lies in the philosophic setting which Dr. Harris so admirably gives the subject. The student who is confused or discouraged in his efforts to harmonize science and philosophy, or empirical and rational psychology, will find here a better solution of his difficulties than in any other pedagogical work. His mastery of philosophic problems is well known; but his power of exposition has been sometimes questioned. This book, however, affords no support to the opinion that either his thought or his style is not clear.

In this book, as in Professor Butler's, philosophic idealism everywhere finds expression. Dr. Harris even finds observation and introspection substantially identical, as illustrated by the doctrine of evolution, which is one of many examples wherein the mind of man projects itself upon external nature and writes thereon law and order. In a masterly manner, he discusses "the three stages of thought; *sense-perception*, in which the mind "supposes *things* to be the essential elements of all being; *understanding*, which regards *relations* as essential; and *reason* in which the *ego* or *self-relation* is the essential element of existence. He dwells upon the fact that "a concept is not a mental picture;" and shows how—by reason of confusion upon this point in its relation to the infinite and the absolute—Hume, Mansel, Hamilton, and Spencer fell into the errors of agnosticism. No writer has given a clearer exposition of "time, space, and causality," "the logic of sense-perception," the origin of general concepts, the will in relation to freedom and fate, and the old and the new psychology. In the second part

of the book, "Psychologic System," he gives a fresh philosophic statement of the facts of mental life as existing in presentation, representation, and thinking. In the third part, "Psychologic Foundations," he reaches the crux of the discussion; and, among other vital matters, treats the psychology of infancy (wherein he agrees with Dr. Oppenheim that *imitation* is the chief form of mental and motor activity), the school course of study (in which he restates his theory of "the five windows of the soul"), the psychology of quantity, the psychology of art and literature, and the psychology of science and philosophy. The last two chapters are exceedingly interesting; but it would be difficult to select one chapter in the book more suggestive or valuable than the others. This volume is a corrective of certain inferences from Dr. Oppenheim's premises as to the possible supremacy of mind over matter, and should be read in connection with it.

A sound philosophy of education must recognize the three great factors of human development from infancy to maturity: heredity, environment and self activity. Dr. Oppenheim emphasizes the second, and Dr. Harris lays the greatest possible stress upon the third. Indeed, his book is but a masterly elaboration of the principle of self-activity as the fundamental doctrine of psychology and education. The book is yet to appear that shall give the proper relative emphasis to both environment and self activity in the education of youth.

The half dozen books, inadequately reviewed in this article, certainly include the best that have recently appeared in the field of educational literature, and unfortunate is the educator who does not read them and take their lessons to heart.

CHARLES CORNELL RAMSAY.

PRINCIPAL OF THE B. M. C. DUFFEE HIGH SCHOOL,  
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#### AMONG THE COLLEGES.\*

PROFESSOR F. L. O. WADSWORTH has resigned his position on the staff of Yerkes Observatory.

been elected President of Westminster College.

THE medical library of the late D. Sigismund Waterman, of New York, has been bequeathed by him to Yale University.

DR. EDWARD L. THORNDIKE, of Western Reserve University, has been called to Teachers College, New York, as Lecturer on Genetic Psychology.

J. H. MCCracken, Assistant Professor of Philosophy in New York University, has

DR. ULRIC DAHLGREN has been appointed as Assistant Director of the Marine Biological Laboratory at Woods Holl, as successor to the late Professor Peck.

\*In order to make this section of BOOK REVIEWS as complete as possible, the editor asks for the coöperation of college authorities. Properly authenticated news will be printed of all changes in college faculties, changes in instructorships and important college news.

PROFESSOR H. P. HUTCHINS, Dean of the Law Department of the University of Michigan, has been elected President of the Iowa State University.

**DR. HENRY L. WHEELER**, Instructor in Organic Chemistry in the Sheffield Scientific School of Yale University, has been promoted to an assistant professorship.

**MISS MARY ELIZA LEWIS** has resigned the chair of English at the University of South Dakota in order to resume her graduate study at the University of Chicago.

**A FRIEND** of Princeton University whose name has not been disclosed has given \$100,000 to establish a chair of Politics. It is reported that the chair is for ex-President Cleveland.

**THE** eighth session of the International Geographical Congress will be held in Paris, August 16-28, 1900. Circulars regarding the proposed excursions will be issued this year.

**AT** Colorado College Dr. Florian Cajori, formerly Professor of Physics, has been transferred to be head of the department of Mathematics, and Dr. S. J. Barnett has been promoted to the professorship of Physics.

**A FULL** professorship of \$100,000 has been endowed by anonymous friends of Princeton University. It will be in general politics, embracing the departments of International Law, Political Science, diplomacy and kindred subjects.

**SEVERAL** new appointments have been made at Teachers College, N. Y.: Charles F. Von Saleza, who comes from Chicago, as Instructor in Art; Maurice E. Biglow, from Howard University, as Instructor in Biology, and George S. Kellogg, Curator of the Museum. The last named appointment is made in pursuance of a recent resolution of the Trustees to establish an educational museum.

**THE** University of Wisconsin has hitherto had no summer session, although Madison has been a favorite meeting place

for institutions of the Chautauqua type. The University now announces a summer school of six weeks' duration, beginning July 3, 1899. The courses cover all the principal departments, and are fully manned by resident and non-resident lecturers. Credit toward degrees will be given for work done at this session, just as has been the case from the start with the University of Chicago, of whose example the sister institution is evidently emulous.

**DR. FRANZ BOAS**, Lecturer on Physical Anthropology in Columbia University, has been elected Professor of Anthropology in the same University. Dr. J. H. Canfield, President of the Ohio State University, has been elected Librarian. At a meeting of the Board of Trustees on May 1st President Low announced that he would reimburse the University for the interest paid on money borrowed to complete the library. This will be about \$75,000, making his total gift for the building \$1,200,000. The offer of the Chamber of Commerce to give \$15,000 a year for a course in commerce was accepted.

**DR. J. CLARENCE WEBSTER**, Professor of Gynecology in McGill University, Montreal, and probably the most famous surgeon in Canada, has accepted the chair of Gynecology and Obstetrics in the University of Chicago. After his graduation from a college in New Brunswick he took his medical and surgical degrees at the University of Edinburgh, and followed by taking his doctor's degree at Leipsic. Two years were spent by him in research under Berlin specialists, and Dr. Webster then accepted an appointment to the medical faculty at Edinburgh. There he wrote his first two books, which were considered so valuable that the Royal College of Physicians assumed the expenses of their publication, an honor rarely conferred on any author. In 1897 he went to McGill University.



THE annual meeting of the managing committee of the American League of Classical Studies in Rome was held in Havemeyer Hall, Columbia College, New York, May 11th. Professor W. G. Hale, of the Chicago University, chairman of the committee, presided. He tendered his resignation, and it was accepted. The following named were elected: Chairman, Professor Minton Warren, of Johns Hopkins University; Secretary, Professor E. T. Morrill, of Wesleyan University; additional members of Executive Committee, Professor F. W. Kelsey, of University of Michigan; Professor A. F. West, of Princeton; Professor Tracey Peck, of Yale, and Professor Alfred Gudemann, of University of Pennsylvania; director of the school in Rome for five years, Professor Richard Norton, of Rome; Professors of Latin, S. B. Platner, of Western Reserve for this year; F. W. Kelsey, of University of Michigan, from 1900 to 1901; F. F. Abbott, of Chicago University, from 1901 to 1902.

A RATHER remarkable educational experience came to an untimely end in Brussels recently. The democratic university founded in that city some years ago is no more. About half a decade ago, when the free University of Brussels, which is controlled by the Moderate Liberals, refused to elect the Paris geographer Élisée Reclus as a member of the faculty on account of his anarchistic propensities, the radical and socialistic element among the students arose in protest against this attack on the freedom of scientific research. The agitation ended in the establishment of a radical university in Brussels, which was especially favored by a certain coterie of younger scholars. Wealthy men of radical and socialistic tendencies furnished the financial wherewithal, and the new university called men to its chairs from many lands, without any reference to political or religious views.

The Moderate Liberals and the Clericals fought it from the outset, and the political authorities practically did the same. The Government denied to the "Université Nouvelle" the right to grant academic degrees, and the commission intrusted with the duty of conducting the state examinations refused to respect its diplomas. Accordingly, no Belgian subject could attend the new university. Soon the necessary funds (60,000 francs per year) were lacking, and a few weeks ago the Academic Council, notwithstanding the protests of the professors and the students, decided to close the institution. The rector was Dr. de Greef.—*Nation*.

A NEW distribution of executive duties is announced for the coming year of Wellesley College. The duties of President Irvine have included both the business and the academic relations of the College, while the duties of Dean Stratton have been the taking charge of students and of the religious and social life of the College. On assuming her office, at the opening of the college year 1899-1900, the newly-appointed President, Miss Caroline Hazard, will take for her share in executive duty, the business and social relations of the College; while Professor Coman, of the department of History and Economics, who will serve as Dean during the sabbatical leave of Dean Stratton, will oversee the academic appointments of students. In order to make time and space for these new duties, Professor Coman will turn over the course in French Revolution, which she has usually given, to Miss Julia S. Orvis, the newly-appointed Instructor in History. Another feature of the arrangements for the coming year will lighten the burden resting upon the new administration. Associate Professor Woolley, who, in the coming college year, enters upon her promotion to a full professorship, will take charge of College Hall, the administrative building, and the largest dormitory

of the College, and will also aid in the religious appointments. For this purpose Miss Woolley will relinquish, for the year, an elective course in the history of Christianity. A substitute course will be carried on by Professor Rush Rees, of Newton Theological Institution.

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**MATTERS** of much interest and importance were considered at the semi-annual meeting of the Board of Trustees of the American University. Two vacancies in the board of trustees were filled by the election of President McKinley and Mr. Arthur Dixon, of Chicago. Bishop McCabe was made permanent Vice-Chancellor of the University. Progress has been steady, and highly important and feasible plans have been prepared for the foundation of the University. The raising of a million-dollar endowment fund by the organization of a ministerial alliance, proposed by Bishop McCabe at the meeting last December, has met with much favor. Efforts have since been made to secure 1,000 ministers to raise \$1,000 each, and already \$128,000 has been subscribed. A scheme to raise another million dollars was inaugurated at the meeting by the creation of the "Woman's Guild for the Endowment of the American University." A plan of erecting university buildings by various States of the Union has resulted in the pledge of three Pennsylvanians for \$50,000 towards a Hall of Administration, which is to require between \$400,000 and \$500,000. The marble of this building, representing a value of \$50,000, will be supplied by a wealthy Pennsylvania quarry owner. Other States have shown marked interest in the plan, and pledged money for constructing buildings. Ground will soon be broken for the Hall of Administration, which is to be built of white marble. An anonymous contributor has given \$60,000 for a College of Missions, and \$125,000 has been raised by church conferences towards the Ashbury Memorial Fund.

JUDGE JAMES M. BARKER, of Pittsfield, presided at the spring meeting of the Trustees of Williams College.

**Williams.** The death of Frederick F. Thompson was announced, and a resolution to be engrossed on the minutes and communicated to Mrs. Thompson was adopted by a standing vote. Mr. Simmons was chosen Chairman of the Finance Committee in Mr. Thompson's place. A gift of \$1,000 was received from the estate of the late Mrs. Eliza W. S. P. Field, under the provisions of her will; the income to be devoted to the care of the pictures given by her to the library. A proposition was received from Wilhelmus Mynderse, '71, of New York city, to contribute \$1000 annually for strengthening and enriching the department of art. The gift was accepted. The registrar was authorized to prepare for another issue of the general catalogue to be published in 1900. The sum of \$200 was appropriated for the department of Archeology, to be expended for archeological illustrations. On recommendation of the President, Professor Russell was granted a year's leave of absence to recover his health. Assistant Professor Milham was granted leave of absence for two years to pursue studies in Europe. Professor Bascom was continued as acting Orrin Sage Professor of Political Economy, and at his request Dr. Charles S. Bullock, now an instructor at Cornell University, was made Assistant Professor of Economics and Sociology. Mr. Dale was continued as Instructor in Geology and Botany. Rev. Stephen T. Livingston, Instructor in Elocution, was appointed Assistant Professor of Oratory and Instructor in Hebrew; Dr. Charles E. Mendenhall, Instructor in Mathematics and Physics; James G. Hardy was continued as Instructor in Mathematics; Frederick Carol Ferry, '91, of Clark University, was made Assistant Professor of Mathematics; R. B. Perry, Princeton, '96, Instructor in Philosophy; Dr. Charles J. Waidner, of Johns

Hopkins University, Instructor in Physics. It was voted to continue Dr. Woodbridge's junior required course in Physiology during the absence of Professor Russell.

DEAN J. HOWARD VAN AMRINGE has assumed the duties of Acting President of

Columbia University, and has office hours at 2:30 o'clock on Monday and Wednesday afternoons in the President's room in the University Library. At the College of Physicians and Surgeons Dr. Edwin B. Cragin has just been made Professor of Obstetrics. On the occasion of the resignation of Dr. McLane from this chair last spring Dr. Cragin, who was the Secretary of the Medical Faculty, was appointed lecturer on this subject, and so successfully has he carried on the work of the department that the students of the third-year class have united in presenting to him an engrossed testimonial as an evidence of their appreciation of his lectures. Dr. Cragin's resignation as Secretary of the Faculty has been accepted, and Dr. Frederick J. Brockway was appointed in his place. A chair recently created is the professorship of Anthropology, to which Dr. Franz Boas has been appointed. Dr. Boas has been Lecturer in Anthropology at Columbia for several years, and has carried on several most successful courses. In addition to important investigations, he has done considerable work at the American Museum of Natural History, where for a number of years he has been one of the curators. Dr. Boas will occupy a seat in the Faculty of Philosophy. Over one hundred applications for university scholarships have been received from candidates anxious to carry on advanced studies under the faculties of the graduate schools. The applications are well distributed over the various subjects embraced in the work of these faculties, and show a marked interest in higher study and research. During the year of the war several of the professors will be

absent from the University on leave. It being the sabbatical years of Professors Munroe Smith, Brander Matthews, Ricketts and Goodnow, they expect to be away from the University for the whole or a portion of the academic year. Professor Edward D. Perry, Jay Professor of Greek, has received leave of absence for the academic year 1900-1901, during which time he will serve as professor in the American School of Classical Studies at Athens. The close connection that is continually being established between Teachers College and the rest of the University is exhibited by the recent assignment of Professor James E. Russell, Dean of Teachers College, and Professor Frank M. McMurry, Professor of the Theory and Practice of Teaching, to seats in the Faculty of Philosophy, and the similar assignment of Professor Charles R. Richards, Professor of Manual Training, to a seat in the Faculty of Applied Science.

THE *Nation* has already given information regarding the new doctorate established last year by the University of Paris. Since that time, a further new provision has been made for recognizing the work done at the University by foreign students. As the number of Americans pursuing literary and scientific studies in Paris is increasing, and as the attention paid to the study of modern languages in America is equally on the increase, it may not be amiss to give anew some facts regarding the opportunities for advanced study offered by the University of Paris.

The name "University of Paris" includes six of the institutions especially charged with higher education—namely, the five "Faculties" (Protestant Theology, Law, Medicine, Science, Letters), and the *École Supérieure de Pharmacie*. Closely akin are a number of other institutions of learning which are attached to the Ministry of Public Instruction; the *Collège de*

France, the Muséum d'Histoire Naturelle, the École des Hautes Études, the École des Beaux-Arts, the École des Chartes, the École du Louvre, the École des Langues Orientales, the École des Sciences Politiques, and certain others. All these, under various conditions, are open to foreigners, to whom degrees and certificates of various sorts are granted under the same conditions as to natives. Each, as a rule, has its separate special library, and, if need be, laboratory.

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The new doctorate (Doctorat de l'Université de Paris) requires at least two years of graduate study, part of which may be done away from Paris, elsewhere in France, or even in a different country. The accompanying fees have not yet been determined. The candidate must write and defend a thesis (French or Latin), and undergo an oral examination on questions chosen by himself and accepted by the Faculty. While it is expressly stated that this degree is not equivalent to the State Doctorate and does not confer the same privileges, it is to be assumed that the standard will be equally high, and that the absence of the Latin thesis and the accompanying expense will constitute the sole difference. Several foreign students in Paris have already set their eyes upon this degree, but so far no one has offered himself for the ordeal. The chance is open for an enterprising Yankee to become the first Doctor of the University of Paris.

The latest provision is one intended for foreigners planning to teach French in their own countries. These the University intends furnishing with a certificate of competence, after a satisfactory test. The certificate is to be called "Certificat d'Études Françaises." Candidates must present a diploma representing the bachelor's degree, but women may be accepted on presentation of a letter of introduction from the head of a college or school.

The candidate must matriculate in the Faculté des Lettres (fee, 30 francs) and must attend three lectures a week for one year—one in French literature or philology, one in French history or geography, and the third according to his preferences. The examination will be written and oral. The former part will be based on the lectures, the latter will comprise the translation into French of a passage in the candidate's native language, and the summary in French of a passage from a French book read aloud to the candidate. At first sight the conditions do not seem formidable, but, to judge from the excellence of the English written and spoken by the students who take that study in the University, it may be expected that the pronunciation and syntax which will pass muster with the professors of modern languages in the Sorbonne will be good indeed. The University will be prepared to accept candidates for this certificate this autumn.—*Nation*.

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It is announced that, by a recent vote of the Faculty of Arts and Sciences, no thesis will be required here—**Cornell**, after of candidates for the degree of B.A. The baccalaureate thesis at Cornell has passed through strange metamorphoses in thirty years. At first all seniors were obliged to prepare "an original essay, dissertation, disquisition or poem," and the exercises of commencement included the presentation of at least one such essay, etc., by a representative of each course in the University. Thus ingenuous maidens dedicated a score of quarto pages, tied with a blue ribbon, the "The Character and Genius of Goethe," and eager youth expounded, in eight minutes, "The Lessons of the French Revolution for the Present Time." Two forces gradually transformed these pretentious commencement parts into the present thesis, whose ideal, at least, is a modest as it is serious. The first was the

influence of the scientific and technical courses. Men preparing for professional work produced essays which might indeed be valuable subjectively, and even objectively, but were eminently unsuitable for presentation before a commencement audience. Accordingly provision was made, in addition to the required essay, now rapidly becoming a thesis, for a voluntary commencement part which should give students of all courses an equal chance in the annual exhibition. In this the students gradually lost interest, until, after the failure of repeated attempts to bring the ablest men in the graduating class upon the commencement platform, student participation of this character vanished from the exercises. Meanwhile the baccalaureate thesis was further transformed by the influence of German example, both directly and as reflected from the requirements for the doctor's thesis. The more strenuous conception of the baccalaureate thesis thus introduced among both faculty and students had two consequences. On the one hand excellent theses were written by those candidates for graduation whose academic work had been of such a character and so concentrated as to fit them for semi-independent research. On the other hand candidates whose attention, under the elective system, had been devoted to a variety of subjects, in none of which they had attained proficiency, produced such theses as all parties concerned soon came to consider unprofitable. Then, too, the increasing number of academic students who devote half the time and more than half the energy of their last two years to work in the College of Law, where no thesis is required for the eventual completion of the course, explains the perfunctory character of part of the theses for the B. A.

In favor of retaining the thesis requirement, in spite of its faults, three main lines of argument might be advanced. First, it might be advocated as a test of intellectual maturity, a sort of academic

master-work. But the standards of the several professors who must approve the theses submitted in various subjects differ so widely, and the temptation to pass the thesis of a candidate who has already completed the rest of his four years' work and finished his term examinations is so strong, that experience has demonstrated the impossibility of making the baccalaureate thesis an effective independent test of fitness for graduation. In the second place the requirement of a thesis might be thought useful in inducing the election of studies more or less related to one another and to the prospective thesis subject. But the fact appears to be that in those cases where there is any coherence of election, coherence is due to other reasons, and a satisfactory thesis is its result rather than its cause. The popular elective system may be but the slovenly makeshift of a transition period in education, out of which our colleges will some day pass; but the renewed academic guidance of the young and inexperienced by their natural advisors will hardly be affected through the requirement of a thesis at the very end of the course. Thirdly, the requirement of a thesis might have been retained because it was thought a useful form of work—a bit of independent searcher or at least a training in scholarly methods. The usefulness of the thesis for those fitted to undertake it scarcely admits of dispute, but it seems not improbable that the desire to work at a favorite subject, the desire to please a professor, or even to earn his recommendation after graduation, and the desire to gain the ample credit in academic hours which has been provided for those who shall write good theses, will cooperate to secure as volunteers those students who can profit most by the exercise without imposing it upon those who will profit more by something else. If so, to write a baccalaureate thesis may be a welcome honor instead of an unwelcome task.

**THE** session of the State Legislature, the last of which has recently concluded,

**Minnesota.** are times of speculation and hope to the University of Minnesota. The endowment of the institution, accommodated to the slender estimate of a time when the surprising growth of the State and the institution were matters of vision and conjecture, is naturally inadequate to present needs, and the generosity of Legislatures is always an important element in the institution's welfare. This generosity expresses itself in two forms: part is certain and permanent, consisting of an annual appropriation of a small portion (twenty-three hundredths of a mill) of the entire state tax to the uses of the University; part is occasional and irregular, consisting of temporary aids for specified objects. The recent Legislature granted about \$170,000 for ten or twelve different objects, the largest of the grants being \$25,000 for the Physics buildings, \$20,000 for repairs and equipments of the Chemical building, two appropriations of \$15,000 each for Anatomical and Chemical buildings, \$20,000 for the Mechanical Arts building, and \$35,000 for the Horticultural building at the farm. The library receives \$7,000 each year to be laid out in books.

The numerical growth of the University is so far ahead of forecasts that it often finds itself cramped and impeded in the very quarters and accommodations designed to give it scope and freedom.

Legislative subsidies are, therefore, peculiarly gratifying, and are rendered even more essential by the sluggishness of individual bounty. The youth and comparative poverty of most of our alumni, and the reluctance of the large fortunes derived from lumber, or flour, or speculation in land, to mulct themselves for educational donations has made the concurrence in the same person of the power and impulse to give, extremely rare. The burden and credit of these benefactions has fallen

hitherto almost exclusively to one person. To ex-Governor John S. Pillsbury, a man well known in the history of Minnesota, the University is indebted, not only for the continuous and zealous expenditure of his time and thought as regent, not only for the amplest disbursements from his private fortune, but for nothing less than literal rescue from extinction in the troubled and precarious days of its half-solvent youth. The special cause which has brought these matters into vivid realization at the present time is the execution by Mr. Daniel French, the sculptor, of a statue of Governor Pillsbury, to cost fifteen thousand dollars, and to be erected not far from the Library building, as a mark of respect and gratitude from the alumni.

The department of Medicine, established only eleven years ago, has reached in the past year a membership of four hundred and seventy students. The requirements for admission have increased in rigor and in the year 1900 will be identical with those of the other departments. The growing use of laboratory and clinical practice in place of the old exclusively didactic methods has produced important expansions in the way of buildings and of faculty. The original three-year course, counting only six months to the year, has given way to a four-year course, each year numbering eight and one-half months. The three buildings now occupied by the department will be increased to five by the new erections proposed in the recent action of the Legislature.

The department of History which its able head, Professor W. M. West, building upon the solid foundations laid by Professor H. P. Judson, now at Chicago, has raised to high efficiency and power, is enlarging its work by the introduction of intensive and research courses in American history. These are for the benefit of students who have already had a general course in that subject, and deal respectively with the Making of the Constitu-

tion, American History as seen in Constitutional Law and the Constitution in the Reconstruction Period. Individual research in the general courses has been facilitated by the rearrangement of the public documents in the library, and the filling up of the blanks in the various series, so far as was possible, by consignments from Washington. The department undergoes a serious loss in the departure of Dr. C. L. Wells, who concludes his work with the University at the close of the present year, accepting in its stead the deanship of the Cathedral of Louisiana. Church and mediæval history have occupied much of his attention and he is the author of the "Age of Charlemagne," one of the Ten Epochs of Church History series published by the Christian Literature Company. The scholarship and the character of Dr. Wells, each in its own way of sterling truth and earnestness, combine to heighten the regret called forth by his sudden departure. His place will be taken by Dr. A. B. White, of New Haven.

The graduating class will include this year about 340 or 350 students. A novel circumstance of the present graduation is the abandonment of the form of commencement exercises which have prevailed since the establishment of the institution. Student orations, delivered at first by the entire class, afterwards by a few representatives, have been the traditional feature of the commencement program. For years past the seniors have petitioned against the custom, and their perseverance, seconded perhaps by the extent to which the negligence of the graduates impaired the quality of the orations, has at last secured the acquiescence of the Regents and Faculty. The exercises of this year will consist of an address to the class by President Cyrus Northrop. The Board of Regents of the University has approved the plan of the Engineering College, which provides for a five year's course in the engineering de-

partments. This course is one in which an engineering student may obtain more English and general culture studies, together with more science than is now presented in any of the regular four-year engineering courses. At the end of four years the student taking this course obtains the degree B.S. in engineering, and if he should complete the fifth year the full engineering degree, M.E., C.E. or E.E., will be granted.

This course does not in any way interfere with the present engineering courses, which will be administered as heretofore, leading to the full engineering degree at the end of the fourth year; all of the subjects now included in any one of the present engineering courses is provided for in the new plan, which simply allows a distribution of the work over a more extended period, thus offering opportunity for additional literary and scientific study. The tendency to-day among technical educators is to furnish more general education in connection with their technical training to such students as are able to take advantage of the opportunity when offered, and the present plan is greatly appreciated by those who realize the importance of a sound general education as well as thorough technical training.

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EACH year the University invites some man who has distinguished himself in his chosen field to deliver before Indiana, the student body a series of popular lectures on his special subject. The lectures involve a week's residence and the members of the University—students and Faculty—are thus brought into pleasant contact with a man whose original work has been recognized as authoritative. The previous guests of the University have been Dr. Frederick Wines, who lectured upon Charity and Penology; President Stanley Hall, of Clark, whose subject was Pedagogy, and Ex-Secretary John W. Foster (an Indiana alumnus),

who discussed the diplomatic history of the United States. This year's lectures have just been delivered by President Mendenhall, of Worcester Polytechnic, his subject being the measurement of the earth, a topic which the former director of the United States Geodetic and Coast Survey might be trusted to make interesting.

The number of students in a university is no true indication of its standing, and yet since it is the easiest test for outsiders to apply, universities that depend upon popular support must look to it that their numbers do not decrease too much. Indiana's extremely rapid growth has had perhaps the real disadvantage of drawing the attention of the law makers who disburse appropriations to the number of students rather than to the quality of the work done in the classroom. Fortunately the University has always been able to respond to expectation with an increase in numbers; and so it is this year, the most successful in the history of the institution. But with its present accommodations the University cannot go on caring for increasingly large student bodies. For some time, indeed, there has been need of additional buildings to provide adequate facilities for classes now placed in basements and attics.

The commencement exercises of the year will be, as usual, simple. The baccalaureate sermon will be preached by President Lyons, of Monmouth, a former trustee of Indiana; the commencement address will be delivered by Professor Coulter, of Chicago, Indiana's former President. Nearly a hundred and fifty degrees will be conferred.

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THE choice of a new President for one of the oldest universities in the country is an event of importance, and it is Yale, generally recognized as such. This recognition is in itself significant and encouraging. It shows that, in an age

which is often pronounced materialistic, education and culture have a strong hold upon the community. Intelligent people realize that the wise selection of a new head for a great institution of learning is a matter of consequence to the general public.

The problem presented to the Yale corporation was a difficult one. The University is fast approaching the end of its second century, and many grave questions in its development must be confronted in the early future. For a great many years Yale Presidents have been of a pretty well defined type—men bred in the clerical school, always licensed to preach, and in one case with considerable experience as pastor, who had become professors in the institution, and were finally promoted to the charge of all its interests. Such men were Theodore D. Woolsey, Noah Porter and Timothy Dwight. The promotion of each to the Presidency came naturally in pursuance of a policy that was as naturally favored by a corporation in which clergymen were originally the only members, and have remained a large majority since the admission of laymen.

When President Dwight announced his resignation last fall, there was no natural successor of the old type in sight. Moreover, the necessity or wisdom of requiring the clerical qualification was no longer insisted upon, even by modern ministers, if of the progressive school, and there are several such in the Yale corporation. The field of choice was thus thrown wide open. The only real limitation was that any candidate must be a graduate of the University. It is too much to expect that either Harvard or Yale will ever make the confession that among their thousands of alumni cannot be found one who is eminently qualified to preside over the institution.

A process of exclusion gradually reduced the list of candidates for serious consideration to a small number. Dis-



tinguished graduates whose record in educational work qualified them for the place were ruled out by the hard fact that they were too near the age limit of seventy years which had forced Dr. Dwight's withdrawal. Other prominent alumni, whose talents, knowledge of affairs, and interest in the cause of education might atone for lack of experience as teachers, one by one, withdrew their names. There were thus left only Yale graduates of the younger generation—men not past the period of middle age—who have demonstrated their ability as instructors. There were several of these among the faculty, and attention has been chiefly fixed upon them.

By a process of natural selection, Prof. Arthur T. Hadley has come to the top among the men of his period of life and of his type. His age and health hold out every promise that, at forty-three, he may look forward to an administration of a quarter of a century. He has had twenty years' experience as tutor, lecturer, and professor. He has won recognition, both in this country and abroad, in his specialty of political economy: but he is no narrow specialist. His knowledge and his interests are so wide that he can take a broad view of the whole range of learning in a great modern university. He combines with the scholar's tastes much of the equipment for a successful man of affairs. He supplements his other qualifications with that most valuable of all, the ability to interest young men in serious work, while at the same time he recognizes the necessity of recreation and the advantages to be gained from athletics wisely managed. Finally, he understands that the highest obligation laid upon the educated man is to serve the republic, and that the best tribute which can be paid to an educational institution is the fact that its graduates are good citizens.

Not only is Yale University to be congratulated upon what we believe to have

been the best possible solution of a grave problem, but the cause of education throughout the United States. It is a great thing to have a man of this type set in so high a place, as an example alike of the dignity of the scholar's life and of the usefulness open to the trained educator as a force in the development of the nation.—*Nation*.

The new president will probably have to face a new condition of things as far as his powers and influence are concerned. The old style of president who had a competent fortune of his own and received no salary, who had large influence from his merely personal following, and who could control by his personal desires and influence the actions of the faculty, will cease with President Dwight. Then, too, the new president will likely be deprived of the absolute power which former presidents have wielded, for the President of Yale is an absolute monarch, although in other respects Yale prides herself as being a democratic institution. In this connection there has been some agitation for a change in the governmental policy of the University as a whole. Heretofore the Academic Faculty has been, under the President, the governing body for the University, and has been called upon to decide questions quite out of the scope of its experience, and which relate to very distinct departments of the institution. It is thought that there ought to be, in some form, a university senate, made up of the deans of the various departments, together with a limited number of professors from each faculty. There is also a movement to put the Graduate School on a par with the Law and Medical schools, and to put many courses now given in the Graduate School in the undergraduate curriculum as Electives.

More radical still, there seems to be clearly discernible a movement, perhaps slight, toward the abolition of entrance requirements in Greek, and perhaps in Latin. At the Springfield Alumni Dinner

this course was freely discussed, and the *Alumni Weekly* gives some space to remarks on the subject. There is a corresponding movement towards pushing electives down through the first and second years of the College course. The opponents of this say that the elective system is disorganizing the administration of affairs and breaking down what Prof. Perrin called "the unique contribution to the cause of American education." The *Alumni Weekly*, published in March photographs and sketches of members of the Corporation. The contest for vacancies on the Corporation bids fair to be more interesting this year than for a long time. The nominations for the seat vacated by Frederick J. Kingsbury have been six in number: Joseph R. French, New Haven, class of '56; Henry F. Dimock, New York, class of '63; Eli Whitney, New Haven, class of '69; Dr. Wm. H. Welch, Baltimore, class of '70; Alfred L. Ripley, Boston, class of '78 and Norris G. Osborn, New Haven, class of '80. All of the above have withdrawn except Mr. Dimock who thus is the probable successor of Mr. Kingsbury.

For the seat left vacant by the death of Edward G. Mason, of Chicago, there have been seven nominations; Hon. Wilson S. Bissell, Buffalo, class of '69; Eli Whitney, mentioned above; Frederick S. Parker, Brooklyn, class of '73; Wm. M. Barnum, New York, class of '77; Alfred L. Ripley, mentioned above; Hon. Wm. H. Taft, Cincinnati, class of '78 and Norris G. Osborn, mentioned above. Of these, Messrs. Whitney, Barnum, Tuft, and Osborn, withdrew, leaving in the field Messrs. Bissell, Ripley and Parker. Mr. Ripley seems the most prominent of these candidates at the present time. He is now vice-president of the Hayden Leather Bank of Boston. Mr. Bissell is likely to crystallize in his favor the sentiment of western members for the Alumni who want a western representative in the cor-

poration. Mr. Bissell is well known as the law partner of Grover Cleveland, and as Postmaster General during Cleveland's first term.

Professor Ladd will make an extensive tour abroad next year. He leaves San Francisco in August and will spend two weeks in Japan lecturing on Philosophy in the Imperial University. He will continue his lectures in the three "Presidency Cities" of India, Calcutta, Madras and Bombay. His tour will then take in Ceylon, Egypt and southern Europe in time to reach Paris for the International Congress of Psychologists.

Professor Othniel C. Marsh, Yale, 1860, Professor of Paleontology, who recently died, left all of his property, except \$10,000 which went to the National Academy of Science, to Yale. This will aggregate about \$100,000. With this goes his library of 5,000 volumes. Professor Marsh had published nearly 300 treatises on scientific subjects, and had been a great collector from the Rocky Mountain region. His specialty was vertebrate fossils. He received the honorary degree of Ph.D. from the University of Heidelberg in 1886 and the degree of LL.D. from Harvard in the same year.

The appointment of Charlton M. Lewis, Yale, 1886, as Emily Sanford Professor of English Literature occasioned great surprise. The position had been more or less formally tendered to at least three men of large reputation. Professor Lewis received his Ph.D. degree in 1898 when he was also appointed Assistant Professor. His thesis was on "Foreign Sources of English Versification." One leading factor in his choice seems to have been the desire to take a young man of promise whose life was before him and who could give many years to the service of the University.

The Storrs Lectures in the Law School will be given by Hon. John M. Harland, Associate Justice of the Supreme Court of the United States, will begin May 23d.

Professor Geo. B. Adams will spend one year in Europe, and his work in Mediaeval History will be taken by Dr. Frank Strong and his work in English Constitutional History by Professor O. H. Richardson.

THIS year, for the first time in its history, the University of Wisconsin will be

in regular session in the summer. At its meeting in April the Board of Regents authorized the establishment of a summer session, beginning July 3, and lasting six weeks, and comprising all departments of the College of Letters and Science. The new session is not a summer school under another name but an integral part of the University; full university credit will be given for work on the same terms as during the rest of the year, and professors who teach in the summer may receive equivalent leave of absence at other times.

The published programme of the summer session is varied and comprehensive and shows that efforts have been made to meet the needs of all classes of students. Not only are there introductory courses for undergraduates and courses designed particularly for teachers in secondary schools; advanced and graduate courses are offered in every department, and special emphasis is laid upon the opportunities for individual investigation in libraries and laboratories. One hundred and seven regular courses are announced besides work in drawing and physical culture. It is expected that approximately one half of the Faculty in Arts and Science will teach each year. Of the thirty-two professors and assistant professors and fifteen instructors whose names appear in the announcement for this summer, the greater number are permanent members of the academic staff of the University, but some others are included.

Thus the work of the resident professors will be supplemented in economics by Dr.

William Cunningham, of Trinity College, Cambridge; in history by Mr. Reuben Gold Thwaites, editor of the *Jesuit Relations*, and Professor Jesse Macy, of Iowa College; in Pedagogy by Dr. F. E. Bolton, of the Milwaukee Normal School, and geology and geography by Dr. H. B. Kummel, of the Lewis Institute, Chicago.

The State Legislature at its recent session manifested its usual liberal spirit toward the University. In addition to the regular annual income from State taxation, which now amounts to nearly \$300,000, \$100,000 was set aside for a new building for the College of Engineering, and \$35,000 were granted to enlarge the buildings of the College of Agriculture. The University will also be greatly aided by the completion of the new building for the library of the State Historical Society, the appropriation for which was increased by \$200,000 at this session. The Legislature also showed its appreciation of one of Wisconsin's most valued professors by voting a gold medal to be presented to Dr. S. M. Babcock, in recognition of his services in the department of Agricultural Chemistry.

At the joint meeting of the Washington Academy of Sciences and the National Academy of Sciences, held in Washington in April, the principal paper was read by Mr. R. W. Wood, Assistant Professor of Physics, who described his interesting experiments in photographing sound waves and in color photography. Professor George C. Comstock, Director of the Washburn Observatory, was chosen a member of the National Academy at the Washington meeting.

Dr. Edward D. Jones, Instructor in Economics, has been placed in charge of the statistical department of the American exhibit at the Paris Exposition, and will probably be absent for this work during part of the coming year.

The latest books published by Wisconsin professors are a noteworthy translation

of the *Bacchæ* of Euripides by Professor **Kerr** (Ginn), and a practical volume on **Drainage and Irrigation** by Professor **F. H. King**, soon to be issued by the Macmillan Company.

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At a recent meeting of the Regents, **Mr. Charles A. Robbins** was made Professor of Pleading and **Nebraska**. Practice in the College of Law. **Mr. Henry H. Wilson** was elected to a Professorship of Common Law, and **Mr. Joseph R. Webster**, to the Chair of Jurisprudence in the same College. **Dr. Roscoe Pound** was made Assistant Professor of Jurisprudence in the Department last named, as also Instructor in Constitutional Law in the College of Literature, Science and the Arts. Professor **James T. Lees** was made University Examiner, with the rank of Dean.

Under the amended Act of organization, the University was projected to consist of five departments: A College of Literature, Science, and the Arts: An Industrial College, embracing Agriculture, Practical Science, Civil Engineering, and the Mechanic Arts: A College of Law; A College of Medicine; and a College of Fine Arts. The first and second of these Colleges were opened in September, 1871. The College of Medicine was organized in 1883, and was conducted prosperously until 1887, when on account of the growing demands of the undergraduate Colleges, it was suspended. The College of Law was opened in 1891. Instruction in Art and Music has been given under affiliated conditions for several years, but no steps have so far been taken towards the organization contemplated by the statute.

The parietal government of each College is in the hands of its Faculty, while all matters of interior University policy and management are administered by a Senate, consisting of the department heads of all the Colleges. Larger educational questions, and especially such as concern

the policy of the University as relate to the work of the public schools, are submitted to a University Council, which unifies the educational forces of the State in an unusual solidarity. This body includes the Deans of all Schools and Colleges of the University; all heads of departments; the Secretary of the Board of Regents, serving as the Council Secretary; the heads of Colleges, and of departments in Colleges, of the College Union of Nebraska; Principals of Accredited Schools, some seventy in number; heads of the Educational State Institutions, including the Normal School, School for the Deaf and Dumb, School for the Blind, School for the Feeble Minded, Industrial School for Boys, and the Industrial School for Girls; the Governor, the Lieutenant-Governor, the Speaker of the House, the Chief Justice of the Supreme Court, the State Superintendent of Public Instruction, Deputy State Superintendent, and the Inspector of Accredited Schools. A further organization, with reference to closer coöperation with the alumni of the Colleges, and to free and organic discussion of all questions of policy and management, has been provided for in the University Congregation. All members of the instructional force of whatsoever rank, and all alumni of five years' standing, are eligible.

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At the recent meeting of the Board of Regents of West Virginia University the following promotions were made: **Frederic W. Sanders**, Ph.D., promoted from Assistant Professor to Professor of European History. **Richard Ellsworth Fast**, A.M., LL.B., from Assistant Professor to Professor of American History and Political Science. **Frederick Wilson Truscott**, Ph.D., from Assistant Professor to Professor of Germanic Languages and Literatures. **Kenneth McKenzie**, Ph.D., from Assistant Professor to Professor of Romance Languages and Literatures.

Charles Henry Patterson, A.M., from Assistant Professor to Professor of Rhetoric and Elocution. Daniel Webster Ohern, A.B., from Fellow to Assistant in Greek. Lloyd Lowndes Friend, A.B., from Fellow to Assistant in English. Dr. Frederic W. Sanders, Professor of European History has been elected President of the New Mexico College of Agriculture and the Mechanic Arts, and has resigned his position in West Virginia University to take effect at the end of the school year, when he will assume his duties as President of the New Mexico College. The President of the University has been formally authorized by the Board of Regents to select and appoint nine Fellows for the University year 1899-1900. These Fellows will be in the following departments: Latin, French, German, English, Economics, Mathematics, Chemistry, Agriculture and Elocution. Each Fellow will receive \$300 per year and be exempt from the payment of all University fees. Each Fellow is expected to teach one class a day. Dr. Frederic P. Ruhl has been appointed Professor of Veterinary Science. At the recent meeting of the Board of Regents, a department of Domestic Science, to teach cooking and scientific housekeeping, was established, and the President of the University was instructed to secure a competent person to take charge of the department at a salary not to exceed \$1,600 per annum.

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THE College for Teachers, founded last autumn through the generosity of Mrs.

Chicago. Emmons Blaine, has completed its first scholastic year of existence. Three hundred and three students matriculated, of whom thirty-one were principals of schools. Thirty major courses of instruction were offered, of which five were in pedagogy. The students averaged one and one-half majors as two quarters' work, or one-

fourth of the regular requirement in the University proper.

The addition of the College for Teachers to the list of schools and colleges composing the University has resulted in a large increase in the figures representing the attendance of students for the year 1899. The winter quarter, just completed, shows a record of 1,575 students registered, as against 1,169 for last year. Of this increase 259 is due directly to the new department.

On April 10th Governor Roosevelt visited the University. He was escorted to the University gymnasium by the President and the University Council in full academics, and there delivered an address on "Character and Culture." He was subsequently entertained at the Quadrangle Club.

The interest in debating at the University has steadily grown during the last few years. This year the Oratorical Association arranged for debate with the University of Michigan and Columbia. In the former debate Chicago was defeated; in the latter, successful.

The movement in the direction of marking the separation between the Junior and Senior Colleges (the former corresponding to the first two, the latter to the last two years of the ordinary college course) has received some impetus from the proposition to grant a title to those students who have completed the work of the Junior College. The organization of the University of Chicago recognizes two distinct elements in the so-called college education: one is the prescribed course of the Junior College; the other, the elective course of the Senior College. The new title, which will probably be Associate in Letters, will serve to mark the unity of each element. It will call attention to the fact that a pupil entering the University does not necessarily aspire to completing the full four-years' course. If he departs at the end of two years his work in the Uni-

versity is recognized, and he is regarded as an alumnus of one of its departments. At present this recognition is confined to a certificate merely. The new title will make it easy to refer to such two-year graduates and give them definite standing in the community.

Some of the more important appointments for the year 1899-1900 are as follows :

Associate Professor C. H. Thurber, as director of coöperative work ; Dr. George Locke, as Instructor in Pedagogy ; Dr. James G. Laing, as Instructor in Latin ; Dr. P. S. Allen, as Instructor in German ; Mr. J. W. Linn, as Assistant in English.

During the summer quarter of 1899 the following persons from outside the University will give instruction :

Noah K. Davis, LL.D., University of Virginia ; George Adam Smith, LL.D., Free Church College, Glasgow, Scotland ; George E. Dawson, Ph.D., Bible Normal College, Springfield, Mass. ; Arthur Stafford Hathaway, S.B., Rose Polytechnic Institute ; Richard Hochdörfer, A.M., Wittenberg College ; John Bell Henne-  
man, Ph. D., University of Tennessee ; Miss Jane Addams, Hull House ; Miss Florence Kelley, Hull House ; Ernest Brown Skinner, University of Wisconsin.

THE college year 1899-1900 will be the beginning of a new era for Leland Stanford Junior University. The recent settlement of the affairs of the Stanford estate has placed funds at the disposal of President Jordan sufficient to enable him to carry out to a greater degree the ideas which he has entertained for the institution since he was called to Palo Alto by the founder of the University.

In connection with the law department, the "Stanford plan," devised by President Jordan, will now be put in operation for the first time. The main feature of this plan is to include in the university system

a complete law-school course. Heretofore the department of law has been able to offer courses representing only the first year's work in the leading law schools of the country. Three years of work are now offered, one of which will be required of all candidates for the degree of Bachelor of Arts in law ; the remaining two years to be graduate work leading to the degree of Bachelor of Laws. This will give to graduates of the University the complete preparation for practice, which up to this time has had to be sought elsewhere ; at the same time it offers to graduates of other universities a complete law course.

Following are the courses offered by the department, beginning with the fall semester, 1899 : Undergraduate work—contracts, criminal law, property I., persons, torts ; first-year graduate work—evidence, equity I., property II., bills and notes, trusts, pleadings, agency ; second-year graduate work—property III., conflict of laws, equity II., corporations, constitutional law. Beginning with the following year an elementary course in law will be given, all of the instructors in the department coöperating. The plan is to have each instructor deal with that branch of law in which he is specializing.

The entire library building, which will be vacated during this summer, will be devoted to the law department.

Heretofore the work in philosophy has been combined with that of education and ethics, but the announcement has been made that a department of philosophy has been created, with Dr. Arthur O. Lovejoy as assistant professor. Dr. Lovejoy is a graduate of the University of California and received his doctor's degree at Harvard last year. He is at present in Europe. In addition to the courses offered by Dr. Lovejoy, the work of the new department will include a continuation of the courses given by Professor Edward Howard Griggs and the late Professor Wilbur W. Thoburn ; also, the course of lectures given by

Rabbi Jacob Voorsanger on the "Jewish Framework of Christianity."

The recent appointment of Miss Lillie J. Marten as Assistant Professor of Psychology is most gratifying to the students who are carrying on work in the psychological laboratories here. Miss Marten was the first woman to enter Professor G. E. Muller's laboratory at Gottingen, Germany, for the purpose of carrying on scientific investigation. During her four years' study there she worked with Professor Muller on his book, which has just been published, "A Contribution to the Analysis of the Sensibility of Differences." This work is for the use of advanced scientists, and is considered by far the most valuable recent contribution to the literature of psychology. Miss Marten will have exclusive charge of the work of the department during the absence of Professor Angell, who will spend next year in Europe.

The departments of history, economics, engineering, English, and ancient languages will also receive important additions.

Specially strong courses will be offered this year in the summer school at Pacific Grove. Among those who are to take part as regular instructors are the following professors: Edwin D. Starbuck, education; Thomas F. Sanford, English; Charles E. Cox, mathematics; Clyde E. Duniway, history; R. W. Husband, Greek; William A. Merrill, Latin; Julius Goebel, Karl G. Rendtorff, and O. M. Johnston, modern languages.

The University buildings are being pushed forward rapidly. The Library and Assembly Hall are now nearing completion and the memorial arch is well under way. The contract for the three remaining buildings of the facade has been let. These buildings will be devoted entirely to the departments of zoölogy, entomology, physiology, botany and geology. The memorial chapel, which will cost

\$275 000, has been begun. This to be the most attractive of all the University buildings. Mrs. Stanford desires it to be the most beautiful church building in California, and undoubtedly she will carry out the present plans, for it was in connection with this work that she and Mr. Stanford took special pains. The grounds surrounding the chapel will be laid out in the quadrangle, with asphaltum walks and flower gardens, and everything will be in keeping with the beauty of the Spanish structures after which the Stanford buildings are designed.

The attendance at the University during commencement week was larger this year than ever before. This was undoubtedly due to the fact that the new assembly hall was ready for use, hence it was not necessary to place such restrictions upon attendance as had been done heretofore. The principal features of the week were the baccalaureate sermon by the Rev. Charles R. Brown, one of California's most brilliant teachers; commencement address, "The Scientific Method and Its Limitations," by Professor Fernando Sanford; and an address to the graduating class, "The Voice of the Scholar," by Dr. Jordan.

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SINCE the departure of Professor Rod a Cercle Français has been formed at the Pennsylvania. University including members from neighboring colleges to the number of about 100. The purpose of the organization is similar to that of the Cercle Français at Harvard University.

Among important changes in the curriculum is the establishment of a special course in diplomacy and commerce, laying particular stress upon economic and political theory. The course will be credited in part to students who become candidates for the law degree. Particular attention will be given to questions relating to American citizens living in foreign

Countries or having temporary consular or commercial interests abroad. The history of American and foreign diplomacy and the business methods of international trade will be prominent features of the new course.

A very complete and unique exhibit has just been placed in the new museum by Professor Sommerville, Professor of the Chair of Glyptology. It is a Buddhist temple containing objects brought from the Buddhist countries of the Orient.

One of the features of Commencement Week will be the unveiling of the Franklin Statue, June 14th, under the auspices of the University. The statue is the gift of Mr. J. C. Strawbridge and will be placed in front of the Post Office, Ninth and Chestnut street, the site formerly occupied by the University of Pennsylvania.

A number of important donations have been received during the month. The families of the late Eli K. Price and J. Sargeant Price have given \$25,000, which will be devoted to the new Law School and after which one of the halls will be named Price Hall. Another gift of an equal sum has been received from the friends and former clients of Richard C. McMurtrie, LL.D., recognition of which will be given in the naming of another hall in the Law School as the McMurtrie Hall.

April 22d, Dr. Charles Waldstein delivered a lecture in the Chapel of College Hall before the archaeologists on the subject of the Excavations of the Heræum near Argos, setting forth the results of the work done under his special supervision.

The University of Pennsylvania Dental Department, like similar departments in Harvard, Michigan and Vanderbilt Universities, has received the Royal Decree of the Netherlands Government providing for the recognition of our dental diplomas in Holland.

Dr. Edgar F. Smith, Professor of

Chemistry, has been elected a member of the National Academy of Sciences, and has recently been chosen Vice Provost of the University, to succeed Professor George S. Fullerton, who is absent in Germany. John Millard, Assistant Professor of Architecture, has resigned his position to go to Phoenix, Arizona. Dr. George E. Reed, President of Dickinson College, delivered a lecture before the Pennsylvania Union, May the third, and was tendered a reception afterwards by Provost C. C. Harrison at the Faculty Club.

The last meeting of the Germanic Association was devoted to the question of the German Drama in America. Director Heinrich Conried of the Irving Place Theatre delivered a lecture in German on the subject "*Die Deutsche Bühne.*" After the lecture the German Department of the University and a number of prominent Philadelphians met Mr. Conried at dinner in the Faculty Club. At the dinner the discussion turned upon the new series of publications now in preparation (and just announced in *Americana Germanica*), treating of the "*German Drama in America*," under the general editorship of M. D. Learned, O. F. Lewis and C. W. Prettyman. Two important propositions were made. Director Conried generously offered to give two performances by his New York Company in Philadelphia during the coming season, for the benefit of the Publication fund to be devoted to the publication of the above mentioned work on the German Drama in America, and similar studies treating the history of German culture in America. The offer of Director Conried was duly accepted, both by the German Department and Mr. C. C. Harrison, the Provost of the University. Dr. C. J. Hexamer followed with a plan to increase this Publication Fund by the organization of a National Committee of Germans and others interested in these subjects. The Committee is now at work.



FORTY-ONE per cent. of the total enrollment of students in the University the

**Michigan.** present year are from States other than Michigan and from foreign countries. From Illinois come 328 students, from Ohio 199, Indiana 113, Pennsylvania 86, New York 85 and Iowa 84. Ontario is represented by 24 students, Japan and Germany each by 5, and other foreign countries by one or more. The total number of States and countries represented at the University is 59.

The nucleus of an endowed chair for a woman professor has been received by the recent gift of ten thousand dollars, made by a Detroit lady who withholds her name. By the conditions of the gift the chair may be in any subject excepting athletics, and must be filled by a woman of recognized ability.

Among the recent publications of University men is a monograph entitled *Personal Competition; its Place in the Social Order and Effect upon Individuals; with some Considerations on Success*, by Dr. Charles H. Cooley, of the Department of Political Economy.

Dr. Charles B. Nancrede, Professor of Surgery, and during the war with Spain, surgeon with rank of major in the 34th Michigan Volunteer Infantry stationed in Cuba, has inaugurated a series of lectures before the medical students upon military surgery. The weight, velocity and range of various kinds of balls are considered, descriptions are given of different varieties of gunshot wounds and methods of treating them; every phase of the subject is treated upon which a surgeon, entering the Army or Navy, needs instruction.

Professor Arthur R. Cushney, of the medical department, is the editor of a work, which will be issued soon by Lea Brothers & Co., of Philadelphia. The book is entitled, *A Text-book of Pharmacology and Therapeutics, or the Action of Drugs in Health and Disease*, and is the

first comprehensive work upon the subject of Pharmacology. Laboratory instruction in this important subject was first given in the medical department here.

Professor Volney M. Spalding, of the Department of Botany, who has been spending some time at San Jose, California, in quest of health, will return shortly to Ann Arbor. He will resume his duties in the fall.

An Appointment Committee, consisting of one member from each Department of Instruction, has recently been established with the object of assisting those college and school officers, who apply to the University authorities for help, in the selection of professors and teachers. With the help of information gathered from authentic sources concerning every eligible graduate, it will be possible to render efficient help to those who are looking for professors and teachers in various departments.

Two Instructors in Chemistry have recently resigned in order to accept commercial positions. Mr. H. E. Brown, for three years Instructor in the Chemical Laboratory, has been appointed Chemist of the Michigan Cement Company. Mr. W. A. Nivling, Assistant Instructor in Qualitative Chemistry, will be expert chemist of an important manufacturing business in Iowa.

Professor A. A. Stanley, of the Department of Music, has been obliged by an attack of gripe to give up his work for the remainder of the year. His duties are particularly onerous for besides giving a full number of courses in the Literary Department, he is Director of the University School of Music. He is now in Berlin.

Dr. G. Carl Huber, Assistant Professor of Anatomy and Histology, has for some time been making experiments along a certain line of original research, and these have recently yielded an important result. This was the discovery of certain sensory nerves controlling the blood vessels of the brain. It has always been suspected that

such nerves existed but the matter has never before been satisfactorily demonstrated.

A recent organization of rapid growth, and already of comparatively wide influence among the student body, is the University of Michigan Good Government Club. Although formed in the fall of 1897, it already numbers three hundred members. The club is entirely non-partisan, College politics are closely watched, and investigations often made into college affairs. The constitution sets forth three main objects: the study by members of the club of the problems of government; the arousing of a greater interest among students in general, in the conduct of public affairs; and the securing of leaders in reform movement and in politics to lecture on present day problems of government. In accordance with the last provision, lectures have been given this year by Herbert Welch, on The Struggle for Good Government in America; by Professor Taussig, of Harvard, on Taxation Reform; by Eugene Debs, on the Laboring Man's Interest in Good Government; by William J. Bryan, on Imperialism; and by Don M. Dickenson, on International Arbitration.

The athletics of the Middle West, in which Michigan takes an active part, have become somewhat complicated by the attitude of the University of Chicago. The difficulty has arisen from the unequal terms which Chicago has attempted to force upon Michigan, Illinois and Wisconsin in her athletic relations with these universities. Representatives of the latter institutions met on March 11th, and after a conference upon the situation, signed a mutual agreement "not to hold athletic relations with any university which shall insist upon an inequality of rights and privileges." The claims of these universities are, first, the privilege of saying where one-half of the games shall be played, Chicago naming the place for the

other half; second, an equal division of receipts from all games, after deducting the proper expenses, no matter where the game is played. These modest claims have heretofore been disregarded by the manager of Chicago athletics, and hence the present controversy. The demand of the three universities is merely for negotiations upon terms of equality and independence for each.

The Michigan Schoolmasters' Club held a two days' session, March 31 and April 1, at which several important papers were presented by university and college men of this and other states. The meetings consisted of general sessions, with addresses upon subjects of universal interest, and conferences in special departments of instruction, including the Ancient Classics, Modern Languages, English, History, Mathematics, Biology, Physics, Physical Training and Manual Training. The best features of the general meetings were a lecture by Professor Thomas D. Seymour, of Yale University, upon A Midsummer Trip to the Land of Hellas, and a free discussion of the topic, Should the College Course be Shortened to Three Years, by Professors George Hempl and Francis W. Kelsey, of the University, and ex-Regent Levi T. Barbour, of Detroit. Unusual interest was felt in the special conference in Ancient Classics, the attendance at which was particularly large. The papers read at this conference were, The Claims of Roman History in our Classical and Latin Courses, by Professor Joseph H. Drake, of the University of Michigan; Mythology in Secondary Schools, by Mr. C. D. Crittenden, Central High School, Grand Rapids; Etymology in Beginning Latin, by Professor Edward N. Stone, of Olivet College; Medieval Music of the Æneid, by Mr. J. Raleigh Nelson, of John Marshall High School, Chicago; and the Quantitative Reading of Latin, by Mr. W. B. Arbaugh, Principal of the High School, Ypsilanti. A warm discus-

sion followed the paper last mentioned, which was led by Professor M. S. Slaughter of the University of Wisconsin, followed at length by Professor Charles E. Bennett of Cornell University, and Geo. L. Hendrickson, of the University of Chicago.

It is probable that no educational institution in the United States has exerted

**Johns Hopkins.** a larger and more direct influence upon its immediate environment than the Johns Hopkins University. The most remarkable development of Baltimore in other than material affairs within the past twenty years has unquestionably been in the educational field and the activity of the Johns Hopkins University—coincident in time with the period considered—has doubtless been the paramount force in this development. Without losing any of its distinctive characteristics, the city has become, in its varied educational opportunities, an intellectual center for a large area and for widely removed localities. Almost as remarkable as has been the development of educational apparatus—libraries and library facilities. It has been estimated that a resident of Baltimore has access, within a circle of half a mile's radius, to nearly 500,000 volumes, of which at least one-half are chosen for and adapted to the use of scholars. It seems safe to say that of this entire aggregate at least 350,000 volumes have been brought to Baltimore since the organization of the Johns Hopkins University. Various means of indirect instruction have supplemented the work of formal educational agencies. Many distinguished persons in the world of letters and science have been brought at various times to Baltimore, and long before the so-called "university extension" movement had established itself in this country certain courses of lectures, non-technical in character, had been made accessible to the

general public each winter. In close association with these several educational forces is to be mentioned the greater literary productiveness of Baltimore. A bibliography of local writings, other than ephemeral, within the past twenty years would show a result far greater in relative volume and content than that of any earlier period. In many other ways residence in Baltimore has become more attractive than it was twenty years ago—in the growth of musical appreciation, in the increase of the artistic resources of the city, in the development of its social life, in the incidental features of university activity, in the advance in municipal consciousness, in the organization of its charities, in the progress of its journalism. The influence of the Johns Hopkins University in these and similar directions can not be precisely estimated, yet the most casual survey must recognize that it has been large and influential.

Announcement has been made of the prospective reorganization of the courses of study in electrical science during the coming academic year. Instead of a semi-independent technical school with entrance qualifications somewhat lower than those of the collegiate department and with courses of instruction culminating in the award of a mere "certificate of proficiency," it is probable that the work will be brought into organic relation with the department of physics, and that an important series of advanced courses will be offered by an enlarged staff.

The annual conferring of degrees will occur on June 13th, and the pressure incident to the close of the academic year is already felt. An unusually large number of the academic staff will spend the summer abroad in study and research, some like Professor Haupt, of the Semitic Department, and Professor Bloomfield, of the Sanscript Department, having already left. The mid-June sailings will take most of the remaining.

FRIDAY, April 7th, was made notable in the history of the college by the formal

**Bryn Mawr.** establishment of a Vassar Chapter of Phi Beta Kappa. The exercises were held in the College Chapel, and consisted of an address by Dr. De Remer, President of the Phi Beta Kappa fraternity, the presentation of the charter and constitution of the Chapter, and their acceptance in behalf of the Chapter by President Taylor. The Chapter is to be known as the Mu Chapter of New York State and is the first to be established in a woman's college by the Phi Beta Kappa fraternity.

On April 14th Mrs. Ellen H. Richards, of the Massachusetts Institute of Technology and one of the Alumnae Trustees of Vassar, lectured on the Education and Occupations of the Twentieth Century Woman. Mrs. Richards urged the claims and advantages of science study, especially in women's colleges.

M. Rod lectured April 17th on *Cyrano de Bergerac*. Although conceding the highest literary excellences to the play itself, he attributed its sudden rise to popularity as due in great measure to the conditions under which it first appeared. *Cyrano* marks a return in the popular taste to the more simple, pleasant and healthy forms of dramatic art and the relinquishment for the present of the effort to make the stage a propaganda for the dissemination of economic theories and social reforms.

Professor Josiah Royce, of Harvard University, delivered the Founder's Day oration at the annual celebration, April 28th, on Some Limitations of the Thoughtful Public in America. Professor Royce took the ground that, in spite of the charge so constantly brought against us as a people of making material gain and money the main object of our life, we are in many points a nation of idealists. From this arises our readiness to take up new fads and theories. This is true in

many spheres of life—religion, medicine, economics—but nowhere more so than in education, where more time is spent in arguing about theories than in testing them by practice. Thoughtful people often err in supposing that every problem can be settled by reason, while very often the best solution can be reached only through instinct and wholesome sentiment. The address was thoroughly enjoyable and full of practical suggestions.

Founder's Day was also marked by the announcement of the gift of a chapel to the College from two of its alumnae—Mrs. Mary Thaw Thompson, class of '77, and Mrs. Mary Morris Pratt, class of '80. An infirmary has also been promised, although the name of the donor has not yet been announced.

Vassar graduates have been very successful in winning post-graduate honors for the coming year. Among the Bryn Mawr Fellowships three will be held by Vassar women—in Greek, Lida Shaw King, A.B., 1890; A.M., Brown, 1894; instructor at Vassar, 1894-'7, and at the Packer Institute, 1898-'99; Miss King will go to Athens with Dr. Smyth; in mathematics, Anne Lyndesay Wilkinson, A.B., 1897; A.M., 1898; Babbott Fellow of Vassar College, studying at Bryn Mawr, 1898-'9; in chemistry, Marie Reimer, A.B., 1897, graduate scholar and assistant at Vassar College, 1897-'9. A graduate scholarship in English has been given to Winifred M. Kirkland, A.B., 1898.

The death of Mr. F. F. Thompson, of New York, has added another to the list of those whose loss has been keenly felt by the college during the past year—Mr. Dean, the Treasurer, and Professor van Ingen, of the art department. Mr. Thompson had identified himself in particular with the personal interests of the students and took special pleasure in contributing to their happiness by deeds of kindness which lay outside the possibilities

of college administration. He recognized the human element in College life, and his cheery presence will be missed by

the students whom he loved to regard as members of one great College family.

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## Notes and Announcements.\*

E. P. DUTTON & CO. announce a new and cheaper edition of *The Foundations of the Creed*, by Harvey Goodwin, D.D., Lord Bishop of Carlisle.

*A History of Bohemian Literature*, by Count Lützow, is to be the next volume in the Literatures of the World Series, published by D. Appleton & Company.

D. C. HEATH & CO., publishers, Boston, announce in press an edition of Racine's *Andromaque*, edited by Professor B. W. Wells, of the University of the South.

THE first edition of *The Short-Line War* by Merwin Webster was exhausted within three days of its publication. The Macmillan Company have just issued the second edition.

ONE of the most important contributions to the new musical literature which is springing up is James Huneker's volume of essays on the modern masters of music entitled *Mezzotints in Modern Music*.

SMALL, MAYNARD & COMPANY, Boston, announce that Mr. Dunne's new book, *Mr. Dooley: In the Hearts of His Countrymen*, will be published by them next September and *The Dreyfus Case*, compactly presented by Richard W. Hale, a lawyer of Boston.

\* Publishers are requested to note that all literary announcements should be in the editor's hands not later than the 16th of the month.

BOOK REVIEWS circulates chiefly among the educational and professional classes and members of the book trade.

LEE & SHEPHERD, Boston, announce for the early fall *For Love's Sweet Sake: Selected Poems of Love in All Moods*, edited by G. Hembert Westley, and *Camping on the St. Lawrence, or On the Trail of the Early Discoverers*, a boy's book, by Everett T. Tomlinson.

DREXEL BIDDLE, Philadelphia, has in press Ouida's *La Strega*, a translation of Maupassant's *Strong as Death*, by Teofilo E. Comba; *An Atlantic Tragedy*, by W. Clark Russell, and *Arctic Romances*, by Albert White Vorse, a member of Lieut. Peary's expedition in 1892.

W. H. MALLOCK's new novel is called *Tristram Lacy, or the Individualist*. It is published by The Macmillan Company. In some of the characters in the book are evident portraits of well-known leaders of London Society. Especially good is the portrait of a celebrated novelist.

*Imperial Democracy* is the title of a new book by David Starr Jordan, president of Leland Stanford Junior University, which is to be published in May by D. Appleton & Company. The book is said to present a series of striking studies of the subjects so much discussed at present.

MRS. EMMA MARSHALL, whose death in England is announced, had just completed two new stories, *A Daughter of the People* and *The Parson's Daughter and How Mr. Romney Painted Her*. Both of these are English historical stories and will be published by E. P. Dutton and Company September next.

THE ninth volume of *Harvard Studies in Classical Philology* (Ginn & Co.) will embrace memoirs and posthumous papers of Professor George M. Lane and Professor F. D. Allen, a paper on "Hidden Verses in Livy," by Professor Morris H. Morgan and other interesting matter with the usual indexes.

THE Scribners announce for publication this spring an important art work by Leader Scott. It is called the *Cathedral Builders. The Story of a Great Guild*, and will contain eighty very fine full-page illustrations. This is the first book the author has written for some time and will undoubtedly sustain the reputation which he gained by such works as *The Renaissance of Art in Italy* and *Tuscan Studies*.

MESSRS. FREDERICK WARNE & Co. announce a reissue of Anne Pratt's *Flowering Plants, Grapes, Sedges and Ferns of Great Britain*. This issue will be in parts, to be completed during the present year, and has been most carefully and sympathetically revised by Mr. Edward Step, F.L.S., author of *Wayside and Woodland Blossoms*, etc. It will contain 315 colored plates which will depict over 1,500 species with full descriptions.

*From Comte to Benjamin Kidd, the Appeal to Biology or Evolution for Human Guidance*, is the title of a book by Robert Mackintosh to be published immediately by The Macmillan Company. The subject of the work is a historical sketch and criticism of the appeal to biology, which was outlined by Comte, and has been newly defined and emphasized by Darwinism and has been still more recently stated by Mr. Kidd in the most extreme form logically possible.

THE title of Cy Warman's book, shortly to be presented by D. Appleton & Co., is now given out as *Snow on the Headlight*. It is the story of the great C., B. and Q. strike as told from the point of view of the strikers. Mr. Warman shows how the outside world learned nothing of the great labor combat except what the railway authorities wanted it to know. He alleges that, with the exception of one Chicago paper, all the journals in the land printed only the matter that had been prepared for them by the railway company.

DODD, MEAD & COMPANY have now ready, in the Polychrome Bible, the books of (1) Ezekiel, translated by E. H. Toy, Professor of Hebrew and Oriental Languages and Literature and Biblical Literature in Harvard University, and (2) Joshua, translated by M. H. Bennett, Professor of Old Testament Languages and History at Hackney and New Colleges, London. Six parts of the Old Testament are therefore ready, the two parts quoted above and those previously published, viz.: (3) Judges, (4) Psalms, (5) Isaiah, and (6) Leviticus.

MISS MARGARET SHERWOOD's new novel, which she calls *Henry Worthington, Idealist*, is to be of wider scope and more complex interest than her *Experiment in Altruism*. Her last book will be primarily a love story, while in the working out of her plot she has made a vigorous study of some peculiarly modern social and economic problems. The hero, Henry Worthington, is a professor of economics, who has added to his scholarly traditions a new and disturbing social creed which brings him into collision with all that is dearest to him. The setting of the story is a small university town.

CHARLES SCRIBNER'S SONS publish to-day *A History of the Jewish People* by Professor Charles Foster Kent, of Brown University, as Vol. III. of the Historical Series for Bible Students; *The Messages of the Earlier Prophets*, as Vol. I., in the Messages of the Bible, edited by Professor F. K. Sanders, of Yale, and Professor Kent; *Windy Creek*, by Helen Stuart Thompson; *The Cable Story Book*, edited by Mary E. Burt and Lucy L. Cable; Vol. II. in *The Poetical and Prose Works of Lord Byron*, *The Life of Schiller*, in the Century Edition of Thomas Carlyle's works; and *Woodstock*, two volumes, in The Temple Scott.

MR. R. H. RUSSELL will publish immediately *Eden vs. Whistler: The Baronet and the Butterfly*, by J. McNeill Whistler, a book which was looked for last fall, but which was postponed by reason of Mr. Whistler's objection to the publicity given it. Mr. Russell announces also *The Peace Cross Book*, which was printed for the Trustees of the Cathedral Foundation,

Washington, for private distribution; it contains the order of services for the raising of the "Peace Cross" on St. Albans Hill, Washington—on the proposed site of the Protestant Episcopal Cathedral—the address of the Bishop of Washington, President McKinley's response, a description of the scene by Thomas Nel-

son Page, etc., and reproductions of photographs of the Cross, St. Albans Hill, and a view of the unveiling. The same publisher announces also Mr. Charles Henry Meltzer's English version of Gerhart Hauptmann's *Die Versunkene Glocke*, which will give the public a chance to become acquainted with the lines before *The Sunken Bell* is presented by Mr. E. H. Sothern next season. Other publications of Mr. Russell will be a *Souvenir of Miss Julia Marlowe*; and three plays for reading, *Alabama*, by Augustus Thomas; *Lonely Lives*, by Gerhart Hauptmann, translated from the German by Mary Morison; and *The Weavers*, by Gerhart Hauptmann, translated from the German by Mary Morison.

THREE large editions of *Hugh Gwyeth, A Roundhead Cavalier* have been called for in as many weeks after its publication. In England two editions have been sold in the same time. This is certainly a remarkable record for a book by an entirely unknown writer. The author, Beulah Marie Dix, was born in Kingston, near Plymouth, Mass., in 1876. She received her degree of B.A., "Summa cum laude," with highest honors in English at Radcliffe in 1897, and with the exception of a short story in Lippincott's magazine this successful book is the first fruit of her pen. *Hugh Gwyeth* was written during '97 and '98 while studying at Radcliffe for the degree of Master of Arts.

DODD, MEAD & Co. have secured the American rights to G. W. Stevens's *Imperial India*, which they will present in the early autumn. Mr. Stevens's latest success, *With Kitchener to Khartoum*, has already awakened American readers to the particular powers of vivid description possessed by this writer.

Edmund Gosse has two volumes in preparation for early fall publication by the same firm. They include *The Life and Letters of Dr. John Donne, Dean of St. Paul's, 1573-1631*. Mr. Gosse has been engaged in preparing the work for several years. It will fill a yet unoccupied place in the history of English literature.

MESSRS. HOUGHTON, MIFFLIN & Co., of Boston, New York, and Chicago have just published a book by Frederick LeRoy Sargent, entitled *Corn Plants; Their Uses and Ways of Life*. 1 vol. 12mo, 75 cents. The author, who has been Instructor in Botany in the University of Wisconsin, and Teacher in the Summer School of Botany of Harvard University, gives in compact form and in readable style a clear account of the six important grain plants of the world—wheat, oats,

rye, barley, rice and maize. He explains what corn plants are, indicates their importance to mankind, and narrates the myths and religious customs which have grown up about them.

G. P. PUTNAM'S SONS have just published *Miss Cayley's Adventures*, by Grant Allen, which has just been brought to a close as a serial in *The Strand Magazine*. The same publishers will present early next week the following three books for the country: *Nature Studies in Berkshire*, by John Coleman Adams; *Ornamental Shrubs*, by Lucius D. Davis, and *Our Insect Friends and Foes*, by Belle S. Cragin. The same firm have nearly ready a volume of short stories by Mrs. Ballington Booth, entitled *Sleepy Time Stories*. They will also issue shortly *A History of American Coinage*, by E. K. Watson, sometime District Attorney at Columbus, O.

DR. JOSEPH PARKER, of London, who has given to the preachers and Bible students of the world so many helpful and inspiring books; whose *People's Bible*, a great work in twenty five volumes, already has a place of honor in many thousands of study libraries, and whose recent work *Studies in Texts* has met with so hearty a welcome, has made still another contribution of inestimable value to Bible literature. Funk & Wagnalls Co., New York, announce that they have in preparation and will publish about the end of the present year this latest work of Dr. Parker. It is the

*Pulpit Bible.* The size will be quarto; the Bible text will be in pica type, and the wide margins of the page will contain pithy, suggestive comments on the verses of the text.

G. P. PUTNAM'S SONS have just published a volume entitled *Vassar Studies*, by Julia A. Schwartz, A.M. ('96). Miss Schwartz's collection of studies has been planned to reproduce, by means of emphasizing in each paper a characteristic element or quality of student life, a faithful impression of the spirit and the personality of modern Vassar. The author states her aim thus: "To embody in literary form for the alumnæ, memories and impressions of their college days, and to present before the public a truthful picture of the life in such a community." She has treated of character rather than incident; yet her stories are not lacking in action nor in the picturesque background of college pastime as well as that of college work. The work will contain a dozen illustrations.

THE MACMILLAN COMPANY have just issued Mr. Ellis Yarnall's volume of reminiscences. *Wordsworth and the Coleridges, with other Memories Literary and Political.*

Mr. Yarnall's memory carries the reader back to Lafayette's visit to Philadelphia in 1824. In 1849 he visited Woodworth, and he enjoyed a life-long friendship with Sir John Taylor Coleridge and Lord Coleridge. He talked with Gladstone and John Bright and Charles Francis Adams in the wake of the Civil War. His recollections of the Tractarian movement and his talks with Keble have a special interest for the churchman, while the student of nineteenth century politics will find much that is important and many things that are new in his memories of Sumner, Lincoln, and Gladstone, W. Forster, John Stuart Mill and John Bright.

*The Development of the English Novel* by W. L. Cross, Assistant Professor of English at Yale, will be published immediately by The Macmillan Company. The field covered by this work has been hitherto unoccupied. The novel, as an art form, has followed laws of development, has had an organic evolution less obvious perhaps than the unfolding of the verse epic, certainly less obvious than that of

the drama, yet possible to trace. What will probably interest the judicious reader is the author's acuteness in detecting lines of advance in the art of fiction: in pointing out instances of reversion and survival, of backward and forward reach, and of the incessant give and take between realism and romance: in separating what is invented from what is inherited, and in showing how the novel has become what it is by selection, rejection, addition and modification of the type.

In spite of the obscurity surrounding the authorship of *Elisabeth and her German Garden* it remains one of the few books of past year which in their charm of style and delicate humor have won something more than a passing appreciation. It is said that the author is a young woman bearing a well-known English name, who has married into one of the smaller German royal houses. Her new book, which is to be published immediately by The Macmillan Company, will be called *The Solitary Summer*. In Montaigne's *Essays*, ii. 18, there is a passage which runs:

"Nature nous a estrenez d'une large faculté à nous entretenir à part; et nous y appelons souvent, pour nous apprendre que nous nous devons en partie à la société, mais en la meilleure partie à nous."

Perhaps no sentence could better express the thought which runs through the book.

*Side Lights on American History*, by Henry W. Elson, is the title of a book to be issued at an early date by The Macmillan Company. Mr. Elson is a lecturer on American History in the University Extension Society of Philadelphia. His text-book has been written for the general reader as well as for use in schools of the grammar school grade and of the grades immediately above it. In choosing his subjects, Mr. Elson has selected the strategic points, the pivots upon which the ponderous machinery of our history has turned, rather than the dramatic and exciting events. The period covered is the first seventy years of our national history, and in order that every important aspect of our national growth be presented to the reader, the subjects chosen are as unlike in character as practicable, and the events have been related with much greater detail than is possible in the ordinary school history.



THE MACMILLAN COMPANY announce the publication of *Outlines of the Principles of Differential Diagnosis, with Clinical Memoranda*, by Fred'k J. Smith, B.A., M.D., Oxford, Member of the Royal College of Physicians, London. Fellow of the Royal College of Surgeons of England. The author who is senior Assistant Physician at the London Hospital has treated his subject in a strictly scientific method but has presented his material in so original a way, both in construction and logic, that it is hoped it will make a special claim on the attention of the medical profession. The opening chapters are arranged in the following order: "Diagnosis in General;" "Micro-organisms and Zymotic Diseases;" "Diseases of Thoracic Organs;" "Some Symptoms and Affections;" "Diseases of the Urinary Organs;" "Affections of Joints;" "Diseases of the Nervous System," etc.

*A Study of the Life and Poetry of Elizabeth Barrett Browning*, by Lilian Whiting, author of *The World Beautiful, After Her Death, From Dreamland Sent*, etc. will be among the autumn books of Messrs. Little, Brown & Company, of Boston. The story of Mrs. Browning's life and art is told in five divisions entitled "Living With Visions" (from a line of Mrs. Browning's that runs, "I lived with visions for my company"), "Lover of the Poets," "In that New World," "Art and Italy" and "Lilies of Florence." By permission of The Macmillan Company Miss Whiting has drawn somewhat on the famous volume of the "Letters" of Mrs. Browning which they published and which have offered the best interpretation of her life that has ever been given. In the preparation for this biography of the greatest of women poets Miss Whiting has spent a number of months in the haunts of the Brownings, both in England, Paris and Italy.

PROFESSOR ALBERT BUSHNELL HART, of Harvard, has edited a *Source Book of American History* which will be published immediately by The Macmillan Company. The book is made up of one hundred and thirty-nine extracts from writers contemporary with the events which they describe. The extracts are chosen chiefly from letters, diaries, re-

miniscences, travels, speeches and narratives; the purpose being to collect material interesting in itself, as well as illustrative of national history. Most of the great men of American history are represented. The purpose of the book is to supplement text-books and narratives by vivid pictures drawn by those who helped to make the history that they describe. They are three practical introductions by the editor on the Use of Sources, Materials for Source Study and Subjects for Topical Study from Sources. The illustrations are confined to typical fac-similes.

*A Short History of Freethought*, by John M. Robertson, is the title of a book to be published immediately by The Macmillan Company. In his introductory chapter the author claims that "the issues between Freethought and Creed are ultimately to be settled only in virtue of their argumentative bases, as appreciable by men in society at any given time." It is with the notion of making the process of judicial appreciation a little easier, by historically exhibiting the varying conditions under which it has been undertaken in the past, that the book has been written. The scope of the work may be gathered from the subjects of its divisions. "Primitive Freethinking;" "Early Association and Competition of Cults" "Ancient India;" "Persia;" "Phœnicia;" "The Common force of Degeneration;" "Freethought in Israel, Greece, Rome;" "Ancient Christianity and its Opponents;" "Christendom in the Middle Ages;" "Freethought in the Renaissance;" etc. Mr. John M. Robertson has already won a pretty substantial recognition by his *Buckle and His Critics*, *Modern Humanists* and several works upon economic subjects.

*The American Teachers' Series* is the general title of a collection of books which will shortly be published under the editorship of Dr. James E. Russell, Dean of Teachers College. The first three volumes, now in preparation, are respectively "English," by George R. Carpenter and Franklin T. Baker, professors in Columbia University; "Manual Training," by Charles R. Richards, Professor of Manual Training in Teachers College; and "Latin and Greek," by Charles E.

**Bennett**, Professor of Latin in Cornell University; and **George P. Bristol**, Professor of Greek, also of Cornell University.

Each volume of the series will contain a preface by the Dean, giving a sketch of the historical development of the subject, as related to school-work, its educational value, place in the curriculum, correlation with other subjects, and the general information needed to establish the volume in the series. The preparation of each volume will be intrusted to an eminent teacher of the subject it presents, and the series will be for teachers in elementary and secondary schools and students in normal schools and teachers' colleges.

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THE demand for Mr. Winston Churchill's new novel in advance of its publication has so far exceeded the limits of the first edition which was an unusually large one, that The Macmillan Company has been obliged to postpone its publication until May 31. Mr. Churchill has spent over four years in writing this novel which was practically completed before the sinking of the Maine. Almost the last sentence in this book is noteworthy in view of the burst of international enthusiasm which followed the outbreak of the war with Spain. Richard Carvel, supposed to be speaking in 1820 says: "Ere I regained my health, the war for Independence was won. I pray God that time may soften the bitterness it caused, and heal the breach in that noble race whose motto is Freedom. That the Stars and Stripes and the Union Jack may one day float together to cleanse this world of tyranny!"

This last book by the author of *The Celebrity* is said by those who have seen advance copies to be remarkable alike for the charm of its style and the skill with which so large a canvas has been handled. A reviewer on one of the great New York daily papers who has read an advance copy has called it a masterpiece of storytelling.

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ACCORDING to Mr. W. D. Howells, Mr. Thorstein Veblen's book, *The Theory of the Leisure Class*, opens up a distinctly new opportunity for American Fiction. Writing in a recent number of *Literature* Mr. Howells says:—

"At every step the American magnate

discovers that he is less and less in his own country, that he is living in a provisional exile, and that his true home is in monarchical conditions, where his future establishes itself often without his willing it and sometimes against his willing it. The American life is the life of labor, and he is now of the life of leisure, or if he is not, his wife is, his daughters and his sons are. The logic of their existence, which they cannot struggle against, and on which all the fatuous invective of pseudo-public spirit launches itself effectlessly, is intermarriage with the European aristocracies, and residence abroad. Short of this there is no rest, and can be none for the American leisure class. This may not be its ideal, but it is its destiny. It is far the most dramatic social fact of our time, and if some man of creative imagination were to seize upon it, he would find in it the material of that great American novel which after so much travail has not yet seen the light."

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MESSRS. D. APPLETON & COMPANY announce for early publication *The Races of Europe, A Sociological Study*, by Professor William Z. Ripley; *Imperial Democracy*, by Dr. David Starr Jordan; *Alaska and the Klondike*, by Professor Angelo Heilprin; *A Double Thread*, by Ellen Thorneycroft Fowler, author of *Concerning Isabel Carnaby*; *Love among the Lions*, by F. Anstey; *Idylls of the Sea*, by Frank T. Bullen, author of *The Cruise of the Cachalot*; *Bohemian Literature*, by Count Lützow; *Uncle Sam's Soldiers*, by O. P. Austin; *Our Navy in Time of War*, by Franklin Matthews, and *The Story of the English Kings according to Shakespeare*, three new volumes in Appletons' Home Reading Series; *Pursued by the Law*, a novel, by J. Maclaren Cobban; *Madame Isàn*, a tourist story, by Mrs. Campbell-Praed; *Fortune's my Foe*, by John Bloundelle-Burton; *A Cosmopolitan Comedy*, by Anna Robeson Brown; *The Kingdom of Hate*, by T. Gallon; *Dr. Nikola's Experiment*, by Guy Boothby; *The Game and the Candle*, by Rhoda Broughton; *The Spanish Reader and Translator*, by Miguel T. Tolon, new and revised edition; and new editions of *Appletons' General Guide*, *Appletons' Canadian Guide-Book* and *Appletons' Dictionary of New York*.

*A History of the American Nation*, by Prof. A. C. McLaughlin, which is to be published immediately by D. Appleton and Company, will be the first volume in the new Twentieth Century Series. The purpose of this book is to trace the main outlines of national development, to show how the American people came to be what they are. These main outlines include the struggle of the nations of western Europe for possession of the New World; the foundation and growth of English colonies; the development of political ideas; the difficulties and disorders of the confederate period; the adoption of the Constitution of the United States; the effort to maintain national independence; and the subsequent struggles and events that finally brought all sections of the nation into a bond of perpetual union. These events have been so narrated that the reader will come to an appreciation of his political surroundings and of the political duties that devolve upon him. For this reason especial attention has been paid to political facts, to the rise of parties, to the issues involved in elections, to the development of governmental machinery, and, in general, to questions of government and administration. The illustrative feature and especially the maps have received the most careful attention, and it is hoped that they will be found accurate, truthful and illustrative.

THE first volume of the series of Oxford Commentaries will be published by The Macmillan Company this month. The series is under the general editorship of Walter Lock, D.D., Warden of Keble College, and Ireland Professor of the Exegesis of Holy Scripture. The first volume is that of *Job* with introduction and notes by Edgar C. S. Gibson, D.D., Vicar of Leeds. The object of each Commentary is primarily exegetical. The editors will deal only subordinately with questions of textual criticism or philology, but taking the English text in the revised version as their basis, they will try to combine a hearty acceptance of critical principles with loyalty to the Catholic faith. It is hoped that in this way the series may be of use both to the theological student and to the clergy, and also to the growing number of laymen and lay-women who wish to read the Bible intelligently and reverently.

Other books of the series will be, *Samuel I. and II.*, by L. J. Bebb; *Ezekiel*, H. A. Redpath; *Wisdom*, E. L. Delahey; *St. Matthew*, J. H. Bernard; *St. Luke*, W. K. Burroughs; *St. John*, H. Scott Holland; *The Acts*, R. B. Rackham; *Romans*, A. Robertson; *Corinthians I.*, H. L. Goudge; *Colossians*, H. J. Riddelsdell; *Ephesians*, Walter Lock; *Hebrews*, E. C. Wickham; and *St. James*, R. J. Knowling.

MESSRS. HOUGHTON, MIFFLIN & CO. announce for immediate publication *The Antigone of Sophocles*. Translated into English by George H. Palmer, professor in Harvard University. With an introduction.

Those who have read Professor Palmer's singularly excellent translation of the *Odyssey* of Homer will rejoice that he has undertaken a translation of the *Antigone*. Ample knowledge of Greek literature is supplemented in him by an uncommon mastery of English, and his comprehensive appreciation of Greek character and life, of Greek thought and dramatic genius, enables him to give to his translation the force, the freedom and the fluency of an original work. To the translation he prefixes an introduction of considerable length, treating of the Greek drama, of the place of the *Antigone* in Greek tragedy and comments of remarkable value and attractiveness. Altogether this book is one in which the fruits of the finest scholarship and of the noblest literary skill are admirably blended into a work of true art.

This book will be soon followed by a companion volume, *The Prometheus Bound* of *Æschylus*, translated by Paul E. More, late Associate in Sanskrit and Classical Literature in Bryn Mawr College. 12mo, 75 cents. The book will be equipped with an introduction and the notes necessary to its proper use in schools and colleges.

WOMAN'S part in developing the present widespread interest in bird study is evidenced by the contents of *Bird Lore* for June. In this number Olive Thorne Miller discusses very fairly the question of caging birds, Lilli Lehmann urges the Audubon Societies to renew their efforts in behalf of the birds, Edith Thomas contributes a bird

poem, and Mabel Osgood Wright tells how we may teach children to become familiar with our common birds.

There are also illustrated articles by Frank M. Chapman, T. S. Roberts, W. L. Baily and others, while the truth of *Bird-Lore's* motto, "A Bird in the Bush is Worth Two in the Hand," is strongly supported by two articles entitled, respectively, "A Cardinal at the Hub" and "Home-Life in a Chimney." The first records the remarkably interesting story of a Virginia—or, as he is known nowadays—Kentucky Cardinal, who appeared in the vicinity of Boston one autumn and remained until the following spring, when he was supplied with a mate from a bird store. He wooed her through the bars of her cage, and, on her release, a nest was built and family reared. The second article referred to gives much new information concerning the dusky birds who inhabit our chimneys.

The editor, in commenting on the useless collecting of birds and their eggs for alleged scientific purposes, very pertinently asks whether the facts contained in these articles do not constitute a far more valuable contribution to science than a dead cardinal or a set of chimney swift's eggs.

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THE sermon preached at the ordination of the Rev. Dr. Charles A. Briggs by the Rev. Dr. George William Douglas, at the Pro-Cathedral, New York, on May 14th, has just been published by The Macmillan Company. Bishop Potter writes a noteworthy introduction to the pamphlet. Without entering into a discussion of the question of Dr. Briggs' supposed heresy from a personal point of view, Dr. Douglas' sermon cannot fail to silence those rather narrow minded objectors who have distorted the teaching and laws of the Episcopal Church for the purpose of what may

perhaps be defined as a somewhat bigoted intolerance of religious scholarship.

The *Nation* prints the following interesting comment on the situation: "It is to us an instance not so much of the *odium theologicum* as that far commoner thing, *stultitia theologica*. The folly of it is what strikes us most, and it may be that the best answer to our correspondent would be simply to send him the couplet:

'Though men by knowledge wiser grow,  
Yet here 'tis wisdom not to know.'

"But if he will have us, after the manner described by the Psalmist, give him his request but send leanness into his soul, we say in the first place that it is a great mistake to speak of Prof. Briggs' teachings about the Bible as if they were anything peculiar or at all personal to himself. He is simply a Biblical scholar. Being the real thing, and not a bat blinking in a cavern, he naturally associates himself with the labors of other masters of Biblical learning, living and dead. Biblical studies are now as well and definitely organized as studies in the department of Greek history or Roman law. In the one field, as in the others, there is a recognized body of authorities, with whom you agree, not because they are dignitaries of the church (some of them are) or professors, in universities, but because their methods are sound and scientific and their results the best that are to be had. We never ask whether a man is "orthodox" in his views of the political constitution of Athens, or of the origin of the *patria potestas*; we only ask if he is abreast of the latest researches touching those subjects. Precisely that is the test which we should apply to the Biblical scholar, *qua* Biblical scholar. Is he in general agreement with the masters of them that know in his specialty? If he is not, he may be as orthodox as you please, but he is either belated or eccentric to the point of making his opinions of no weight."

## Reviews.

## GENERAL LITERATURE.

*The Right to the Whole Produce of Labour.* by Dr. Anton Menger, Professor of Jurisprudence in the University of Vienna. Translated by M. E. Tannar, with an Introduction and Bibliography by H. S. Foxwell, M. A., Professor of Economics at University College, London. Pp. cxviii + 271. London, Macmillan & Co., Ltd., 1899.

Professor Foxwell treats his part of this book as a complementary to Dr. Menger's treatise, but in reality he contributes more than half of the actual printed pages. To allocate the shares briefly, Dr. Menger has analyzed critically and historically the socialistic theories of natural rights; Professor Foxwell has written the history of early English socialists, and added a complete list of their works. The main interest of the book to English readers will be this rescue from oblivion of the men to whom the whole of modern socialistic theory is originally due; they are Godwin, Hall, Thompson, Gray, Hodgskin, and Bray. The importance of the book consists to a great extent in the bibliography, which must prove invaluable to any student to the growth of socialistic ideas; though it is clear that Professor Foxwell's industry has unearthed very many rare publications, of which copies will hardly be found except in his own celebrated library. For the translation we have nothing but praise.—*Nature*

*The Study of Holy Scripture.* By Professor Chas. A. Briggs, DD. Chas. Scribner's Son.

Back in 1883 Professor Briggs issued a volume entitled "Biblical Study." This volume proved so popular that it has been issued from the press nine times since that date. The giant strides made in biblical methods and study since 1883, and the numerous new results acquired, demanded a revision of the original work. This book, "The study of Holy Scripture" (Scribner), is a revision, with considerable additions on the subjects of Canon, Text, Higher Criticism, Literary Study of the Bible, an Interpretation of Scriptures. Many of the 688 pages of this new book on careful comparison are identical with pages in the 506 of the old book. Others are modified by the change of only a few words, while valuable new material adds many new pages and several chapters to the book. The original twelve chapters have become expanded into twenty-six. It is a pity that the whole work could not have been written anew. A higher critic can often discover the seams between the documents of '83 and those of '98. In spite of this unevenness in style and character, the author has laid under tribute to his pen the best literature extant on the themes he discusses,

and the literature is cited in foot notes, by title, volume, and page. The style and spirit of the author are not always to be commended, especially when he is crying down his opponent or dogmatizing on the view presented. But the addition of new material and a new paragraphing of the text constitute the chief value of this re-issue of a useful book.—*Dial*.

*Elizabeth and Her German Garden.* Anonymous. The Macmillan Company.

"Elizabeth," the English wife of a German husband, is a pleasant soul with much sense of humor, a great liking for her not altogether responsive garden, and a very agreeable method of chatting about her lord and master, her children and her friends and acquaintances. A shrewd comprehension of human nature and an exceedingly warm heart combine to enliven this diary of life in North Germany. She writes prettily and comically about her beloved garden, but she does not know much about the practical side of it. The bud of it, however, is in her, and we know that with opportunity she would flower into as thorough a gardener as Miss Jekyll. Meanwhile the garden serves as an engaging background for the cheery round of existence in the old house with her ironical but adoring husband, her winsome offspring, the April baby, the May baby and the June baby, and her abounding books. Her spirit of pure joy and content in these things fills her pages with sunshine. "The passion for being forever with one's fellows," she writes, "and the fear of being left for a few hours alone is to me wholly incomprehensible;" these shallow feelings she likens to those of her servants, "girls whose one idea of happiness is to live in a town where there are others of their sort with whom to drink beer and dance on Sunday afternoons. To her full heart and rich mind lovely Nature and the books upon her library shelves are ever-beguiling companions. Her little diary was decidedly worth printing, and is to be heartily commended to those kindred souls for whose absence from her region of dull housewives Elizabeth's flowers so tenderly console her.—N. Y. Times.

*Men's Tragedies.* By R. V. Risley. The Macmillan Company.

The author of *Men's Tragedies*, Macmillan, shows a remarkable talent for getting at the heart of things. He depicts the deep emotions of life with a firmness of touch that cannot be slightly noticed and shaken off. It is of love, fair women and of strong men that Mr. Risley writes, and writes with a skill, a discernment

and a power to battle with the turning points in men's careers, which are not so much genius as art, yet they betoken genius as well as art. Written from the man's point of view, they reveal a sensitiveness, a close union with ideals and a fine sense of honor, as well as that shyness which more often than not keeps the man with a truly great nature from revealing his inmost thoughts to even the woman who reigns in his heart for the certainty of the fear that she will not understand. In their greatness the stories, while altogether different in subject, reflect the force and fire of Kipling's "Vampire." They thrill with the intensity of man's sensitiveness when his emotions are touched, while the women merely fit through the pages as reasons why—shadowy intimations mostly instead of bald explanations. They are all stories which lift one out of one's self and give one a greater respect and reverence for true love.

The first sketch concerns "The Man Who Loved." In some ways it is a rather philosophical study of love as an emotion. It is very prettily begun, and is full of the zest of uncertainty, but after the betrothal the love making between the learned man, who has just roused to the realities of life outside of his library tower, and the merry slip of a girl, becomes staid and a little fauguig. They seem to have nothing to say to each other, and just as they realize when love becomes "conscious of itself, it returns to its abode, and leaves our hearts empty of all save tenderness and regret," the tragedy reveals how deeply the man loved and continued to love after the death of his beautiful fair one. For "love does not die—nothing that we have chosen of our own strong will ever dies. Only the feelings that have been forced upon us, or that we copied from the world about us, die. Love is more than these. We may be untrue to our loves, we may be unfaithful to them, we may seemingly forget them; but they remain with us forever. A lover loves always. And if there be an awakening after death at all, love must reawake, though all else sleep forever."

The other stories show how strong men of varying natures have accepted life's tragedies; how one has hated, another endured, another cared, another sneered, and another killed; how one man fell, how another crushed life in his heart, and how another was true to himself. There is something more vital in them than the mere facing of broken ideals, and not the least power lies in the mannerisms of the story-teller. It is one thing to analyze a man's deepest feelings, but it is quite another to make one understand intuitively the underlying principles that have been the motive force. Mr. Risley's stories grow upon one more and more. They echo the laugh of a mirthless heart. They show how men can die and yet live, and how revenge can be obtained by a persistent silent course. Their strength is not all on the surface, nor is their greatness simply a momentary vivifying power. They are masterpieces in tragedy which recall

some of the best work of English and French dramatic romanticists.—*Boston Herald.*

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*An Introduction to the Study of Literature.*  
For the Use of Secondary and Graded Schools.  
Edited by Edwin Herbert Lewis, Ph D The  
Macmillan Company.

In selecting and classifying the lyrics, ballads, and short stories found in Professor Lewis' excellent new volume, the young student's normal interests are made the standard. There are one hundred and fifty compositions included, most of them complete. Each of the ten chapters into which the book is divided, is prefaced by an introduction indicating the general meaning of the pieces. Chapter I. has four illustrations of the nobility of animals; the next two chapters are devoted respectively to the heroism of war and the heroism of peace. The athlete, the adventurer, the gentleman, are also described and interpreted in three more chapters. The last division is entitled, "The Far Goal;" it is designed to aid youth to desire and to attempt to realize its ideas. Indeed, the whole book is admirably qualified to elevate and strengthen mind and soul.—*Living Church.*

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*Rose of Dutcher's Cooly.* By Hamlin Garland.  
The Macmillan Company.

A new edition of Mr. Hamlin Garland's novel, *Rose of Dutcher's Cooly*, makes its appearance in a handsome cover of brown and gold. This is one of the books that is perennially new and fresh, with its lifelike touches of nature's scenes and its intimate studies of human nature. It deals with love and ambition and human passions. The story traces the development of a girl of great mental and physical beauty to womanhood in the purity of knowledge not of ignorance as regards the usually unavoidable obscenities that assail the average life. The realism that would be boldly garish under a less considerate touch, even in the setting of Mr. Garland's ethical purpose will give cold shivers to a reader inclined to prudishness. Towards the close of the story some of the characters, those with high ideals, fail in stanchness on the question of the stability of the affections after wedlock, but the looseness of morals their theories might teach is largely counteracted by the course of one of the noblest characters in putting himself out of temptation and reviving his regard for his wife. The story gives a picture of a country girl's experience in a co-educational university in Madison and a fine picture of a lone girl's entrance upon the battle for life in Chicago. Mr. Garland's poetical genius shows everywhere aslant the story, like gladdening rifts of sunshine, and it is particularly in his descriptions of valley and ocean and country that one turns back the page to read again.—*Beacon, Boston.*

*The Maternity of Harriott Wickem.* By Mrs. Henry Dudeney. The Macmillan Company.

The tireless stream of books from publishers' presses is made up of multiform elements, mainly commonplace—something of this, a great deal of that, too much of the other, but invariably little of distinctive and compelling stamp. A book that arrests the attention and takes a hold upon the public is the grand exception. Its coming is an event. Canons of literary art may or may not be regarded; literature may be enriched, or otherwise, but the might of the pen has been substantiated, men and women have been made to think and feel. Of course, this preamble means that such a compelling book has come to hand, an innocent looking volume, bound in drab, dully embellished with daffodils. It is *The Maternity of Harriott Wickem*, by Mrs. Henry Dudeney, brought out by the Macmillan Company. I took up this unassuming volume at the close of an evening of pen work, glancing at the opening pages. I have no recollection of having "done the like" before, but on this occasion Time and Morpheus were ignored, while I read to the last word on the final page. Even then, the heart of it was ever before me. I have since re-read it from cover to cover, and shall probably read it again. This for a reviewer whose book table bids for attention may convey the idea that *The Maternity of Harriott Wickem* is a book of tremendous fascination. In a way it is gruesomely sensational; but a terribly earnest study of life and destiny implies sensation on the part of sentient humanity.

Students of Ibsen are accustomed to face the complications and awful penalties of heredity, but the sickly antecedents and consequences, so badly given, relegate Ibsenism to the physiological realm. Mrs. Dudeney forbears to imply damaging things about the Wickens.

Comedy element is conspicuously lacking in the story, though sharp-edged ridicule and satire abound. The wooing of Dr. Owen by Polly Mackay lightens the grimness of the atmosphere; ambitious, vulgar Aunt Megson, and the ladies of the Culture Class who must ignore Harriott because she hadn't been to church, and the vicar hadn't called, are whimsical, but their peculiarities are so ironically set forth that amusement is out of the question. None of the characters violate truth, as it might be embodied in human shape—and speaking of characters what a gift for characterization Mrs Dudeney possesses! It would be as impossible to forget a character once impetuously introduced as it would be to confuse one with another. And yet as the author allows people to remark, Harriott never seems to be a real person—she is rather the personification of tragic fate. The reader feels genuine sympathy and interest, but no tears spring for her woes.

Relentless in all else, the author restrains herself in the last act of the drama—perhaps because the story began with deep-dyed tragedy, birth, death, suicide and murder. At all events

the exit through the "Open Door" that seemed the inevitable conclusion is shorn of tragedy—the only weakening in terrible relentlessness that appears in the firm web of the story. That seems to have been a concession to literary art, since Harriott had abundantly proved her ability to carry tragedy to the finish.

As to the purpose of the book, it is beyond question of ethical intent, or at least written in the interest of science for the ultimate benefit of the race. The type of heredity chosen was extreme, but by no means unparalleled. There is no trace of idealism in the book; blunt, not to say brutal, realism prevades each page. There is no expounding of theories; the story carries its own moral; and in the interest of humanity one can no less than hope that it may carry that moral far. I omitted to say that the setting of the story is English; beyond doubt the book will have a great vogue on both sides of the sea.  
*Georgia Allen Peck in the Providence News.*

*The Foundations of Zoology.* By William Keith Brooks, Professor of Zoology at Johns Hopkins University. The Macmillan Company.

The stones which Dr. Brooks has chosen as *Foundations of Zoology* will remain there for centuries, most of them as long as human wisdom shall endure. The volume is a permanent contribution to human knowledge, the worthy crown of a life of wise thought as well as of hard work and patient investigation. If there are any errors in statement or conclusion, from one end of the book to the other, the present writer is not astute enough to find them out and Dr. Brooks' logic may permit him at least to doubt their existence.

The biologists of America have long since recognized Dr. Brooks as a master, and this volume, the modern and scientific sequel to Agassiz's "Essay on Classification," places him in the line of succession from the great interpreter of nature, whose pupil and friend he was.

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Brooks' lectures on the *Foundations of Biology* constitute a book that will live as a permanent addition to the common sense of science. It belongs to literature as well as to science. It belongs to philosophy as much as to either, for it is full of that fundamental wisdom about realities which alone is worthy of the name of philosophy. His lectures are full of nuggets of wisdom, products of deep thought as well as of careful observation. There is not an idea fundamental to biology that is not touched and made luminous by some of these sagacious paragraphs.  
—*Science.*

*Early Chapters in Science.* By Mrs. W. Awdry. E. P. Dutton & Co.

One of the newest volumes in the general class known as "Nature Study" books is a work by an English lady, Mrs. W. Awdry, entitled *Early Chapters in Science*. It has been edited

by W. F. Barrett, professor of experimental physics in the Royal College of Science for Ireland. Professor Barrett has most carefully discharged his duty of editorship, and the result of the combined efforts of editor and author is a volume of a style that is quite common in this country, but we infer from the preface, rare in England. In one respect the work is different from any we are able to recall; and that is in the large number of subjects treated. This is a "first book" of knowledge of natural history, botany, physiology, physics and chemistry for young people.

The work is excellent in that in so far as it teaches the fundamental facts of the various branches of science enumerated in it is accurate, and it is an excellent thing to combine in one volume teachings concerning allied sciences. It tends to breadth of outlook which is of the utmost value to the child. Numerous illustrations are included, and these have been prepared especially for this work. The style is entertaining and interesting; the author has not made the blunder of "talking down" to her readers, while at the same time the language and the illustrations used are of the simplest.—*Boston Transcript*.

*Friendly Visiting Among the Poor.* A Handbook for Charity Workers. By Mary E. Richmond. The Macmillan Company.

Miss Richmond, of the Baltimore Charity Organization Society, has written a little book about friendly visiting among the poor, based on her own experience of ten years. Considering first the various aspects of life within the family, two chapters are devoted to the bread-winner, the citizen, employee, husband and father. A chapter is devoted to the home-maker, and another to the children. Then follow chapters on the health of the family, their spending and savings, and their recreation. The concluding chapters treat of the principles of effective relief-giving, of church charity, and of friendly visiting. The book closes with a number of illustrative cases, and these latter form not the least important part of the work. All beginners in charitable work, members of the Order of King's Daughters, and, in fact, all who come in contact with poverty and need, will find this little volume extremely suggestive and helpful.—*Review of Reviews*.

*The Development of Thrift.* By Mary Willcox Brown. The Macmillan Company.

Miss Mary Willcox Brown, who is engaged in children's aid work in Baltimore, has written a little treatise embracing such topics as the thrift habit, thrift in the family, savings agencies, building and loan associations, people's banks, provident loan associations and industrial insurance. Miss Brown has given much time and thought to the study of these subjects, and her treatment of them is both comprehensive and

thorough. The book is full of suggestions for charitable workers.—*Review of Reviews*.

*The British Navy.* By A. Stenzel, Captain, Imperial German Navy, Retired, with illustrations, maps and diagrams. E. P. Dutton & Co.

This volume is one of a series which Captain Stenzel proposes preparing for the benefit of his countrymen. The books will deal with the navies of the world, and the collected volumes should form an invaluable record of international naval strength and organization. Captain Stenzel has evidently been a diligent student, and has prepared in the present volume a complete history of the British navy. He furnishes an interesting historical survey, and follows with chapters devoted to the admiralty, naval policy, stations, dockyards, personnel, education and training, uniform, flags, service and discipline on board and material. The volume ends with a list of ships of the navy and a copious index. The translation is by A. Sonnenschein, who very properly says that the time is right for the publication of works such as the present series, since it may aid in forming public opinion and in guiding its action. He points out, too, that Englishmen will probably be interested in Captain Stenzel's work, which affords them an opportunity to know the views of a highly competent critic, who has made the English navy a special object of his professional study.

Captain Stenzel has brought his record up to date by reference to the latest sources of information, and the volume is a worthy work of reference which gains in interest from its quality of commentation by an expert outsider. The translator has accomplished his work with discrimination and intelligence. The work is splendidly illustrated by full-page drawings, diagrams, maps and plans, among the most attractive of which are the reproductions in color of the British naval badges, flags and uniforms. The illustrations of various types of ships and the accompanying statistics add to the attractiveness and value of the book.

The work is an admirable production in every way, and is a valuable contribution to the naval literature of the day.—*Army and Navy Register*.

*The Development of English Thought.* A study in the economic interpretation of history. By Simon N. Patten, Professor of Political Economy, Wharton School of Finance and Economy, University of Pennsylvania. The Macmillan Company.

The man who does us the greatest intellectual service is the man who leads us to examine known bodies of fact from new points of views. This being the case, no book of modern time is likely to serve as a greater stimulus to progress than this new volume by Professor Patten.



Not only is the point of view a new one, but the work itself is the embodiment of tireless diligence in the investigation of facts and in care and force of statement. It is one of the books whose making brings wrinkles and gray hairs to the writer, but whose effect is uplifting and surprisingly suggestive to the reader.

The history of English thought during the last three centuries is chosen to illustrate the author's theory of historical development, "because in no other country has there been so little interference with the normal unfolding of thought-systems as in England. Consequently, the growth, propagation, and decay of ideas and modes of thought were unaffected by governmental interference, or by foreign influence."

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No man or woman who loves originality, clear statement, or stimulating thought can fail to be impressed with this book. The world has had many philosophers of many sorts, but the assertion may be freely made that in Professor Patten we have an economic philosopher. His interests are as broad as human life itself, and upon each of its important departments he throws a light that amounts to illumination.—*Educational Review*

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*Immanuel Kant, Sein Leben und seine Lehre.*  
Von Friedrich Paulsen. Mit Bildnis und einem Briefe Kants aus dem Jahre 1792, Stuttgart, Fr. Frommann's Verlag

A new book by Paulsen is now-a-days in Germany a literary event of the first order. His "Versuch einer Entwicklungsgeschichte der Kantischen Erkenntnistheorie" (1875) was received in Kantian circles with the utmost favor, and his "Geschichte des gelehrten Unterrichts in Deutschland" made him a literary personality much talked of throughout the Empire. This latter work, by its unsparing exposure of the defects of the Classical Gymnasium, became a decisive factor in the controversy between Humanism and Realism in the contemporary reform movement. Paulsen further established his literary reputation by his "Ethik," which has gone into several editions, as well as by his widely read "Einleitung in die Philosophie." He is a much admired author and with good reason: he writes in a clear, transparent style, and understands how to reduce the most difficult philosophical problems to simple expression. He is a sharp, though not unfair, controversialist; and he deals his blows right and left in the most telling way. His manner is popular without being trivial. His style evidences refined discrimination, but is all the while natural. \* \* \* Paulsen's book presents, further, a great many interesting points of view, a wealth of suggestion, an array of happy turns of thought and striking ideas \* \* \*

\* His new book is a masterpiece, on which we congratulate him, and yet we have greater reason to congratulate ourselves on the acquisition of such an excellent exposition of Kant.—*Educational Review*.

*The Statesman's Year Book.* American Edition. Edited by the Hon. Carroll D. Wright. The Macmillan Company.

With its thirty-six annual issue the *Statesman's Year Book* (Macmillan) makes an irresistible bid for this market by prefixing a special section for the United States prepared by Carroll D. Wright. The matter here most intelligently condensed and arranged and indexed is a statistical exhibition of the government of our country, in all its branches; of the natural industry and growth, finances, education, labor conditions and legislation, parties and elections; of municipalities, with a novel and valuable table of city population, revenue, debt, valuation, tax rate, names of mayors and city clerks. The personnel of the Federal Administration and of the consular service is also recorded, and in many more ways than we can enumerate this compilation will prove a remarkably convenient handbook. Hawaii and Porto Rico, Cuba and the Philippines not less, are similarly described as American territory, with maps. In the foreign portion of the 'Year-book' are timely maps of Newfoundland (with reference to the fisheries dispute with France); Africa, with Rhodes's wedge between east and west Continental colonies or "spheres;" and Hong Kong, with its recent aggrandizement on the mainland.—*Nation*.

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*Municipal Monopolies.* Edited by W. E. Bemis. T. Y. Crowell & Co.

*Municipal Monopolies*, a collection of papers by the most trustworthy specialists in this country, edited by Professor E. W. Bemis, of the Kansas Agricultural College, is by all odds the most important book on municipal matters that has appeared since Dr. Albert Shaw's "Municipal Government in Great Britain." To American students and writers the present volume is even more valuable than Dr. Shaw's masterly work, because it is mainly devoted to American experiments. The whole field of municipal monopolies has been covered, and every paper has been written in a spirit of judicial fairness toward private corporations, as well as warm devotion to the public interests. The judicial spirit is especially to be emphasized. Every one of the writers believes that the public can be better trusted to care for its own interests than a private monopoly to care for the public interests. But every one of them has recognized, to use Professor Commons's phrase, that the burden of proof rests upon their side, and has taken care to state the situation so that a hostile press cannot claim that there is misrepresentation. The first chapter (on water-works systems, private and public) is by M. N. Baker, of the *Engineering News*, the editor of the "Manual of American Water-Works," whose authoritative article on this subject in *The Outlook* last year will be recalled. The next two chapters (on municipal electric lighting, and the latest electric light reports) are by Professor John R. Commons,

of Syracuse, and Professor Bemis. Professor Bemis's contribution is prepared distinctively for close students of statistics and for purposes of reference, but Professor Commons's article is a brilliant review of the whole field of municipal activity, equally attractive to the general reader and the close student. Professor Frank Parsons, of Boston University Law School, treats of the regulation of the telephone not only in English-speaking countries, but all over the continent of Europe; and also deals in a clear and comprehensive chapter with the legal aspects of monopoly. Dr. Max West presents compactly the results of his investigation of the history of municipal franchises in New York, and Professor Bemis concludes the volume with chapters on street railways, gas works, and the general subject of regulation or ownership. The volume, which is well indexed, is a perfect mine of information already crushed and sifted, and ready to be coined into arguments that will be legal tender everywhere. To writers and thinkers on municipal problems the volume is almost indispensable.—*Outlook*.

*Music and Musicians.* By Albert Lavignac. Translated by William Marchant. Edited, with Additions on Music in America, by H. E. Krehbiel. Henry Holt & Co.

This book is sure of attaining at least one distinction; it will take its place at once as the most comprehensive work on music published in a single volume and accessible to readers of English. M. Lavignac is professor of harmony in the Paris Conservatory, and the author of "Wagner and His Music Dramas," while Mr. Krehbiel is one of our best known American musical critics, and the author of several popular works in this field. The American editor has had an important part in shaping M. Lavignac's book for an American constituency, such as it can hardly fail to find among our music-lovers, both professional and amateur. The subjects of sound, instrumentation, orchestration, harmony, composition, improvisation, and the history of the art of music, are treated in detail.—*Review of Reviews*.

*The Theory of the Leisure Class.* By Thorstein Veblen. The Macmillan Company.

Mr. Veblen, who is one of the instructors of political economy at the University of Chicago, has brought out a book dealing with the leisure class as an institution. While the subject is discussed from the economist's point of view, the author has avoided technicalities, so far as possible, and has constructed an argument which will appeal to the general reader. The tracing of the economic relations of certain elements in modern culture involves the author in statements which are likely to be controverted. The positions taken are so novel to most minds that the reader's attention is firmly held throughout the treatise.—*Review of Reviews*.

*The Federal Census.* Critical Essays by Members of the American Economic Association. The Macmillan Company.

A most timely publication of the American Economic Association is the volume of critical essays on *The Federal Census*, written by members of the Association and collected and edited by a special committee. The monograph thus prepared covers nearly every important topic related to the scientific work of the National Census Bureau. All the papers are the work of specialists, several of whom, we are glad to note, are to be associated in the work of compiling the twelfth census. The Association deserves great credit for its enterprise in gathering and publishing this material at this time. The committee intrusted with the work consisted of Professors Richmond Mayo-Smith, Walter F. Wilcox, Roland P. Falkner and Davis R. Dewey, and the Hon. Carroll D. Wright.—*Review of Reviews*.

*The Rough Riders.* By Theodore Roosevelt. Charles Scribner's Sons.

Governor Roosevelt's story of the remarkable regiment which Colonel Leonard Wood and he raised and led to the brief war with Spain has already appeared in serial form in one of the magazines. It now comes before us in book form, and it will be generally conceded that it forms one of the most thrilling pieces of military history produced in recent years. Not that Colonel Roosevelt has aimed at peculiar eloquence of style or has sacrificed truth to picturesque presentation. He has been content to let the story tell itself. It was not necessary to do anything else. \* \* \* In fact, the whole book is written with the skill of a trained literary man who was able to keep his head in battle. It is a volume which will at once take its place among the authoritative records of the one hundred day's war.

*History and Digest of the International Arbitrations to which the United States has been a party.* By John Bassett Moore, Late Assistant Secretary of State.

A monumental labor in the cause of peace, authorized by Congress three years ago, is concluded with good omen, on the eve of the Czar's Disarmament Congress. We refer to the *History and Digest of the International Arbitrations to which the United States has been a party*, in six stout volumes, paged continuously, of which the fifth is composed of appendices and an index, and the sixth wholly of maps, though maps are interspersed in volumes i-iv. This task was confided to Professor John Bassett Moore, of Columbia University, late Assistant Secretary of State, who may take a just satisfaction in it, from any point of view. The appendices give the text of the treaties relating to the respective arbitrations, together with "historical and legal notes on other international arbitrations, ancient

and modern, and on the domestic commissions of the United States for the adjustment of international claims." The French indemnity, the Danish, Neapolitan, Peruvian, Brazilian, and Chinese, the Florida claims and the Alabama claims, are some of the heads of this portion; and the last section is "Plans for Permanent Arbitration." This invaluable work of reference is certain to play a useful part in promoting the federation of the world.—*Nation*.

*The Writings of James Monroe.* Vol. II. Edited by Stanislaus Murray Hamilton. G. P. Putnam's Sons.

We have before us the second volume of *The Writings of James Monroe*, edited by Stanislaus Murray Hamilton. The present installment of this important work carries us from the nomination of Monroe as the successor of Gouverneur Morris, in the post of Minister Plenipotentiary at Paris (June 10, 1794), to the Act of Congress passed on May 6, 1796, making appropriations for carrying into effect the Jay treaty with Great Britain. These were the most important years in Washington's second administration, and the correspondence here reproduced is indispensable to a right understanding of the epoch. It must be remembered that Washington was, by this time, distinctly committed to the Federalist party, of which Hamilton was the inspiring spirit, while Monroe was as thoroughly associated with the opposition, which was led by Jefferson and Madison, and which was presently to be named the Republican-Democratic party. It will be found useful to bear this fact in mind in reading the instructions given to Monroe by Edmund Randolph, then Secretary of State. It is evident that from the beginning Monroe, owing to his political associations, failed to receive the full confidence of the administration. He was continually harassed for want of information, particularly on the one subject that gave rise to a deep feeling of uneasiness and distrust in Paris. A comparison of these instructions with the condition of affairs in France shows the full value of Monroe's efforts "to strengthen our friendship with that country," and "to let it be seen that, in case of war with any nation on earth, we shall consider France as our first and natural ally." It is to be remembered that Monroe arrived in Paris shortly after the downfall of Robespierre. The Government had passed into the hands of those members of the convention who had combined to overthrow the tyrant. But the reign of terror, uncertainty, and suspicion was as yet by no means at an end. Monroe found in Paris general distrust of the sentiments and intentions of the United States; great dissatisfaction with the course and sympathies of his predecessor, Gouverneur Morris; a special jealousy of Jay's mission to London and an apparent conviction that his own Embassy was a mere feint to withdraw the attention of the French Government, and to amuse with warm expressions of friend-

ship until the conclusion of the English negotiations should enable the United States to drop the mask. As regards dates, Monroe arrived in Paris about two months after Jay's arrival in London.—*Sun*.

*Mexotints in Music.* By James Huneker. Charles Scribner's Sons.

Mr. James Huneker has long been known as a brilliant writer for the press on musical topics, but he never took the trouble to gather his articles into book form. At last his friends induced him to make an effort in this direction, and the result is one of the most readable and at the same time most useful books ever issued in this country. Mr. Huneker is an indefatigable reader of musical literature, yet his book reflects chiefly his own experience, in studio and concert-hall, and his marvellous command of language and wide general knowledge enable him to present even technical matters in a way to interest the general reader. His book includes chapters on Brahms, Tchaikovsky, Richard Strauss and Nietzsche, Chopin, Liszt and Wagner, and an elaborate disquisition on *études* for the pianoforte.—*Nation*.

*My Inner Life.* By John Beattie Crozier, Longmans.

What paralysis of speech prevented Mr. Crozier from affixing to his book the most attractive of all labels, that of Autobiography—when that is just what it is, neither more nor less—instead of a title both unappetizing and inaccurate, we cannot tell. He withholds nothing of his outward life about which the reader could feel any curiosity, but only his love affairs, his struggles for moral improvement, his temptations. Much of the volume is non-autobiographical, consisting of reflections upon Carlyle, Emerson, Lord Randolph Churchill, Herbert Spencer, Macaulay, Kant, Washington Irving, Hegel, and many other prosaists. These comments are not sensationally novel; and Mr. Crozier's appraisals of literature are more sure than his appraisals of philosophy. When he speaks of metaphysicians, he is apt to be sketchy, not to say superficial. Still, what he says is in the main judicious and ably expressed. His pen is flexible and adapts itself to more than one style, which is always lively, fresh, musical, and as lucid as his thought allows. It is capable of rising to genuine eloquence. His genius is that of philosophical prose poets; but he lacks the earnestness required to rival Emerson, Carlyle, Ruskin, or Henry James the elder, each of whom was in the clutch of a great idea and struck with its superhuman force. He has only his own power of thought, which may be rated as superior, but not as great nor even profound. Both at once and at different periods of his life we find him laying stress upon an assortment of ideas that have no intimate bond of union, and are not all very thoroughly worked out into the

light. The Upper Canadian estimations of his youth, his half course at Toronto, his phrenological beginning, continue to show their tint through all the reading that has overlaid them. Perhaps that reading has been too large and weighty for its foundations.

Nose of the book is dull ; some of it is richly amusing ; every part of it is instructive either for its reflections or as a "human document ;" while the reader is swept forward as in a novel upon his sympathy with the hero.—*Nation*.

*The Penalties of Taste.* By Norman Bridge. H. S. Stone & Co.

The volume of essays by Mr. Norman Bridge is apparently the work of a new writer. Some of the subjects are very suggestively treated, and are written from a more or less novel point of view. The first essay, from which the volume takes its name, goes very thoroughly into a discussion as to what taste is ; its formation, growth, and penalties attendant upon its overcultivation. The writer argues that taste, without the necessary background of character and attainments, is absurd ; that refinement comes by natural steps and cannot be forced ; that the true ministry of taste should be in the direction of increasing one's pleasure, but that overcultivation in this direction defeats the very end for which it is striving. Another penalty of taste is the effect upon the artistic temperament of sights and sounds that cannot be shut out, so that in time the very increase in cultivation, which should be wholly in the direction of nobility of nature, ends by making one irritable, and perhaps may even stand in the way of a successful career.

Mr. Bridge next takes up the two kinds of consciences—that of the individual and that of the crowd—trying to prove his point that a unit of some crowd will, influenced by the mob spirit, do the rough or rude thing that as an individual he would never commit.

Two of the essays in this book, however, those on "The Nerves of the Modern Child" and "Some Lessons of Heredity," contain very interesting and valuable additions to our knowledge of those subjects. Mr. Bridge seems to have read much in these closely selected directions, the results of which reading he states very clearly in a comparatively few pages, which as well as the last essay in the book, that on "Poorly Educated Educators, might be read with advantage by all who come in contact with young children. The three last-mentioned subjects are so closely related that bits taken at random fail to do the writer justice.—*N. Y. Times*.

*The Short Line War.* By Merwin-Webster. The Macmillan Company.

A bright and entertaining railroad story, called *The Short Line War*," has been written by two Evanston young men, collaborating un-

der the compound name of Merwin-Webster. The authors are Samuel Merwin and Henry K. Webster, and this is their first novel. The story shows a high degree of merit, reminding one of the Erckmann-Chatrian novels in its simplicity of language and animation of style. It is conceived on original lines, and deserves to be one of the popular novels of the season.

It is the story of a fight in which a trunk line tries to grab a short line, and the scenes are laid partly in Chicago. Jim Weeks, President of the M. and T., or short line, is the largest figure in the drama. His magnificent fighting powers, his fertility of resource, and his stubborn refusal to be beaten by any combination of circumstances are the mainspring of the tale. A tinge of romance lightens the theme and thickens the plot. With this exception the story concerns itself only with the underhanded attempt of the S. and S. C. to seize the M. and T. against the will of its resourceful fighting President.

The book opens with a swift survey of Jim Weeks' ancestry, showing that he came of fighting stock. Then there is a brief love episode, which comes to a sudden end because of young Weeks' masterful ways. By the time the youth has come out of the civil war he is ready to embark his career as a railroad man, and then the scene suddenly shifts to the Chicago of the present day, and Weeks and his private secretary, Harvey West, are soon in the thick of a fight to defend their own. Mr. Porter, First Vice-President of the trunk line, is at the head of a conspiracy to get control of the short line stock, and his daughter, Katherine, is in love with Harvey West. The young woman is pulled two ways, and is not always comfortable. There is also a hated rival for her hand, who is her father's right hand man. Naturally there must be some interesting developments.

In its first phase the fight centers about Tillman City, whose Municipal Council has the voting of a large block of stock. The Porter faction does the bribery act with neatness and dispatch. Then the Weeks faction makes a counter move by issuing a new block of stock. The opposition responds by rushing to get one of its men appointed as a receiver, but Weeks is ahead, and has his private secretary appointed by another court. Then comes the fight of the factions for the books of the company. Weeks and his receiver get possession, but are almost ousted when momentarily off their guard.

Finally the Porter faction seizes the farther end of the line by force, and begins running a train out the line, depositing the old employés at each station, and leaving its own in possession. The moment the news of this action reaches Jim Weeks he is off from his own end of the line with a train-load of men to meet the enemy. The night that follows is a pugnacious and bloody one, resulting in the derailing of the opposing engines and the kidnapping of Harvey West. How the denouement comes, with the aid of State troops and the fair Katherine, the reader is left to discover.

The book abounds in unexpected touches of humor and of human nature. Not for a moment does it cease to hold the interest. It shows a remarkable acquaintance with railroad methods. The authors are to be congratulated upon so auspicious a beginning of their joint literary career.—*Chicago Tribune*.

*Hugh Gwyeth, a Roundhead Cavalier.* By Beulah Marie Dix. The Macmillan Company.

*Hugh Gwyeth, a Roundhead Cavalier*, is the title of a new book from the pen of Miss Beulah Marie Dix, which ran into a second edition within three weeks of its publication. It is a story of a period in English history that has furnished material for many other fascinating tales. Hugh Gwyeth really was not a Roundhead. He was the son of a soldier of fortune, whose wife ran away from her Puritan home to marry, much against the wishes of her parents, Alan Gwyeth, then a gallant captain of horse in Germany. A year or two elapsed and a misunderstanding arose which led to Mrs. Gwyeth's return with her son Hugh to her father's home in England, where the hero of this story was raised in a Roundhead family. His mother died when he was a child. Understanding that he was fatherless as well, news of the presence of a renowned soldier, Capt. Alan Gwyeth, in the King's army, aroused his curiosity. Inquiries satisfied him that it was his father and being a wilful, active lad of sixteen, he took French leave of the home of his Roundhead kinsfolk and made his perilous and adventurous way on foot to the shifting headquarters of the King's army, in the hope of finding his father and serving with him.

Headstrong and impetuous, his courage and skill with sword and pistol were more than once put to the severest test. He was beaten by troopers, half killed in a duel and was sorely wounded in bearing news of succor through a rainstorm of Roundhead bullets to a gallant company of the King's men, entrapped and surrounded by a superior force of the enemy. The story ends when he finally carried off on a pillion his orphaned cousin, with whom he had been reared in his grandfather's house. Although it is the story of a rash youth, it has the merit of strong character drawing and highly entertaining description of a picturesque period. One dislikes to lay down the book until the last of its 376 pages are read.—*Rochester Express*.

*James Russell Lowell and His Friends.* By Edward Everett Hale. Houghton, Mifflin & Co.

*The Outlook*, in which Edward Everett Hale's *James Russell and His Friends* first appeared, naturally feels a special pleasure in seeing what so many of its readers found the most attractive feature of last year's Magazine Numbers, now printed in admirable and satisfying book form. The publishers have made of it a library model ;

type, size of page, printing, binding, cover-design, illustration, all are of the best. As to the work itself, our readers know that it carried out consistently and entertainingly the plan upon which it was written. Nothing was further from Dr. Hale's thoughts than to write a formal biography. The title tells the story. This book is good reading for those who care at all about its general subject precisely, because it is informal ; in a measure, desultery, ready to stop consecutive narrative at any time to relate a characteristic anecdote or follow some enticing side-path. Dr. Hale knew Lowell, and he knew many of Lowell's friends ; he shows us the poet as he appeared to those who knew him best, and equally well he shows us the notable circle of people with whom Lowell was intimate. The chapter division, under such topics as "Literary Work in College," "Boston in the Forties," "Lowell as a Public Speaker," "As an Editor," "Politics and the War," "In Spain," "Minister to England," "Home Again," allows a freedom from chronological bonds, while preserving reasonable consecutiveness. What Dr. Hale has to say in this book, like everything else he has to say, is interesting, because he himself is interested. The volume is rich in anecdote, reminiscence, literary history. Its spirit is cheerful and optimistic.—*Outlook*.

*The Ladder of Fortune.* By Frances Courtenay Baylor. Houghton, Mifflin & Co., Boston.

*The Ladder of Fortune*, by Frances Courtenay Baylor, is a study of a phase of social life in America. If there is any phase of life that can make an American blush for his nationality it is the phase presented here. A boy who runs away from an orphan asylum established in the Far West determines in his first conscious days to be rich. He knows nothing of any world but that of speculation, where his genius makes him a leader. A shrewd, handsome woman comes as a milliner to the mushroom town in which this man has his "office." She marries him for his money. Their life begins in the vulgar surroundings of the local hotel, where she finds her only society. A woman of refinement traveling with her husband opens the wife's eyes to a world beyond that she has known. She, too, becomes ambitious ; she determines to be a social leader. Husband and wife succeed in achieving their desires. The woman finds pleasure, for she has no heart. The man finds only bitterness and defeat in all that makes life worth living. As a study of one phase of life in a new country, *The Ladder of Fortune* is a disagreeably truthful piece of work. The one ray of light in it is the little love story of "Polly" and the artist.—*Outlook*.

*The United States of Europe on the Eve of the Parliament of Peace.* By W. T. Stead. Doubleday & McClure Company.

As the author says, this is a collection of instantaneous photographs of conditions in every par-

of Europe taken during visits occupying nearly three months of the present year. The photographer has perhaps the keenest eye for significant situations of any one of his class in Europe, and he had the credentials that enabled him to go where the significant situations were to be seen. The chapter upon the work of Robert College and the American missionary in the Orient seems to us to have more than a temporary value. It certainly is adapted to rekindle enthusiasm, not only for missions, but for the greatness of the international rôle which America has performed in the Orient.—*Outlook*.

*England in the Age of Wycliffe.* By George Macaulay Trevelyan, Fellow of Trinity College, Cambridge. Longmans Green & Co.

This is a valuable study of a notable turning-point of history on the line separating the medieval from the modern order of thought and things. Green, in his "History of the English People," has thoroughly appreciated the epochal significance of the time of Wycliffe. Mr. Trevelyan, with the advantage of some recently unearthed original authorities, has pursued the subject into further detail, and has made a substantial contribution thereby to history. So far as concerns the political side of the history, the period covered, though eventful, is but a decade (1376-1385), but the history of the religious movement known as Lollardy is followed down to the time of Henry VIII. The English revolt from the Papacy which then took place is shown thereby not to have been merely the work of that monarch, but to have been long in ripening from seed sown in Wycliffe's time. Wycliffe himself is represented as an original thinker, a man of true genius moved by instinct and feeling rather than by logic, and drifting finally into "the life of the enthusiast, who builds for the future and not for the present."—*Outlook*.

*The Journal of Jacob Fowler,* Narrating an Adventure from Arkansas through the Indian Territory. \* \* \* Kansas, Colorado and New Mexico, to the Sources of the Rio Grande del Norte, 1821-22. Edited with notes by Elliott Cones. Francis P. Harper.

Dr. Cones's tireless roundup of original sources relating to the "American" pioneering of our Far West—the literary tatters of those trappers and traders who penetrated every corner of that unpeopled wilderness in the first third of this century, thousands of miles ahead of the outposts of the civilization whose scouts and pathmakers they were—shows no signs of flagging. Such competence and such momentum, honorable in any line of research, are here of the keenest value; for here, as with the ethnography of our aborigines, most of what needs doing must be done quickly or never. In both cases the human documents are disappearing with a rapidity which to the student is nothing short of appalling. Even when destroyed the

living parchment is so overwritten with civilization that the palimpsest has little worth in either sort. As to the scant records of the white plainmen of our old frontier, they are every day in greater danger; while the atmosphere of their day and circumstance—without some actual breath of which not even written journals can properly be elucidated—is already so far behind us as to be growing unreal. A little more and the whole epoch will have receded into the Bad Lands, and we shall see it only in mirages. \* \* Dr. Cones's notes are of his usual crispness and authority, and leave little to be desired as to topographical identification and historic comment. Two unnecessary misprints—"Tenaja" for Tinaja, and "Una de Gato" for Uña de Gato—occur in footnotes to pp. 146, 147, and are repeated in the useful index. "By and large," however, Fowler's *Journal* is a distinct contribution; and Dr. Cones's services renew our long debt to him.—*Nation*.

*Ancient History of the East: The Greeks and Romans.* By Victor Duruy. Translated by Professor Edwin A. Grosvenor. T. Y. Crowell & Co.

Professor Edwin A. Grosvenor's translation of Victor Duruy's *Ancient History of the East: The Greeks and Romans*, is an excellent piece of work. Almost every line that M. Duruy wrote bears the mark of his peculiar genius. His faculty for selecting out of an immense mass of facts those that are important, and his vivid and striking way of presenting them is shown here with marked ability. The great ideas, the great events, the great achievements of the early periods of human history are set forth in an admirable perspective. The author begins with the remote history of antiquity, discussing briefly the questions of the geological formation of the earth, the epoch at which man appeared, the influences of race and language, and the earliest centres of civilization. His chapters on the Mongols, India, Egypt, Assyria, Phœnicia, Palestine and Persia present in fifty pages a remarkably thorough and well selected body of material. The sections on classical history are good illustrations of popular though scientific historiography. A more complete and readable resume of this important period of human history would be hard to find.—*Churchman*.

*The Evolution of the English House.* By Sidney Oldall Addy, M.A. With forty-two illustrations. London: Swan Sonnenschein & Co.; New York: The Macmillan Co. 1898. \$1.50.

The author of this book begins by giving the greatest possible amount of credit to German scholars who "describe still existing houses in northern Germany which are built, like basilicas or churches, in the form of nave and aisles, with dwelling-rooms \* \* \* at one end," and who have shown the connection between those "re-

markable survivals" and far more ancient buildings described in earlier writers. Roman imperial writers, Norwegian, Irish, French, Old English, and modern English authors are cited, and often quoted at length, continually throughout the book. A hasty observer, as one who might take up the book in a bookstore with a view to purchasing it, might be prejudiced against it as if a mere compilation. Nothing, however, can be further from the fact. The English facts are mainly of our author's own determining; and his consulted authorities of so many ages and so many peoples are called upon merely to show the extraordinary misuteness of correspondence between the old English house, which is the principal subject, and the dwellings of the country people throughout Europe and western Asia, in the lapse of at least fifteen centuries. The illustrations are declared to be mainly "from photographs and measurements taken and made by the author," and they are mostly of English subjects, as it was their business to be. The plans leave nothing to be desired. \* \* \*

It is fair to say that Mr. Addy seems to be less of a builder and less of an artist in his studies than an historian and a sociologist. That is a bad slip which is made on page 29, in boldly ascribing the origin of the Gothic arch to something which certainly did not suggest it. No other such blunder has attracted our attention, but the tone of the book is generally that of a man unpractised and unlearned in the mechanical work of building. As a student of social life, he is more fitted to write apparently the first of what will be a most valuable series, "The Social English Series," edited by Kenelm D. Cotes. There is an editorial preface at the beginning of the volume which is very readable indeed, and seems to set the pace for all the books which are to follow this one. The names of four of them already issued, and of eight more "in preparation," are given opposite the false title. If those of 'The King's Peace, The English Manor, and the rest are at all as well written as the one now in hand, our town libraries will be richer by a set of books giving much needed information in the simplest and yet the most trustworthy form.—*Nation*.

*Discussions in Education.* By Francis A. Walker. Henry Holt & Co.

Mr. T. P. Munroe has here gathered together the addresses and essays of the late Gen. Walker which deal with educational problems. The writer's interest in special questions of education does not appear to have been marked until, in 1881, he assumed the Presidency of the Institute of Technology. The present volume, however, shows that he had very definite convictions on the subject of technical education. About a third of the 333 pages before us consists of addresses on such topics as the relation of professional and technical to general education—topics, that is to say, closely connected with President Walker's immediate interests in the

Institute. \* \* \* On the question whether a technical school should be under the wing of a university. President Walker comes to the conclusion that it is more to the advantage of students of technology to be detached "in schools devoted to their own purposes, than in schools where snobbishness makes odious comparisons, and where fashions are set in respect to student life, conduct, and dress, which they have neither the means nor the inclination to imitate."

The volume is an interesting contribution to the history of American education, and forms a sort of supplement to the lately published addresses of Presidents Eliot and Gilman.—*Nation*.

*History of Greece.* For High Schools and Academies. By George Willis Botsford. Macmillan.

Dr. Botsford's History is an admirable specimen of the best types of modern school-book. The author is already favorably known to scholars by his 'Development of the Athenian Constitution,' and his familiarity with the ancient sources and modern authorities enables him to do the work of compilation and résumé with sounder judgment and juster sense of proportion than are usually employed on such tasks. His aim, as the preface hints, is to picture the development of the social, political, and artistic life of the Greeks rather than to summarize the unprofitable detail of their meaningless wars. He omits as far as possible the minor mythological and historical proper names with which the pages of the old-fashioned school history bristle. No description is given of the battle of Plataea. The sea fight of Salamis is represented only by a map and the fine description in the "Persæ" of Æschylus. The general results only of the Messenian wars are given, and the name of Aristomenes is not mentioned. The campaigns and battles of the Pentekontetia and of the Peloponnesian War are abridged to the smallest compass. On the other hand, an effort is made throughout the book to reproduce, in very simple form of course, the views of the latest authorities on the development of institutions, the underlying real interests and aims that determined policies, and the characteristic features of the art, philosophy, and literature of successive epochs. Apt quotations from the literature, often of considerable length, are everywhere skilfully interwoven with the text, so that as far as possible the Greeks are made to tell their own story. Abundant maps, reproductions of photographs, marginal references to authorities, suggestions for further studies, a table of dates, and good index complete the equipment of a model text-book.—*Nation*.

*Heart of Man.* By George Edward Woodberry. Macmillan Co.

The intention of the author was to illustrate how "poetry, politics and religion are the flowering of the same human spirit, and have their

bleeding spots in a common soil, 'deep in the general heart of men.'" This explanation, however, does not so evidently cover the first essay as it does the other three. The first, "Taormina," is a poetic meditation on the old Sicilian Taurumentum, which, founded in the fourth century B. C., has had a long and checkered history; Greeks, Romans, Saracens, Normans, Germans, Spaniards, English—each later horde trampling the earlier down. The story is too long for Mr. Woodberry to tell it all or half. He treats it in an allusive manner, his last touch reminding us that it was from the beach which is always in the foreground of his picture that Garibaldi set out for Italy in the campaign of Aspromonte, and that hither the wounded hero was brought back. Naturally, the suggestions of the idyls of Theocritus are those on which Mr. Woodberry lingers most tenderly.

Beautiful as is the Taormina essay, it is unimportant as compared with the next, "A New Defence of Poetry," a daring venture into fields so sacred to the memory of Sidney and Shelley that to replough them seems almost a sacrilege. Yet Mr. Woodberry justifies his daring by the wisdom and the penetration of his thought and its felicitous expression. \* \* \* The study of type is carefully worked out, and the difference between different arts in representing it are clearly marked, the limitations of the plastic arts as compared with literature getting due emphasis. The essay makes the general purpose of the

book plainest where it says, speaking of the type: "Its whole meaning and virtue lie in what it contains of our common humanity, in the clearness and brilliancy with which it interprets the man in us, in the force with which it identifies us with human nature." \* \* \*

In this connection there is good criticism of the didactic as a deduction from the purity of art, which teaches best where it aims least at teaching, most at representing life in its practical reality. The criticism of realism is also excellent; those who hold to it in its extreme form being compared to scientists who content themselves with mere observation. They are very attractive pages which set forth beauty, truth, and goodness as different forms of the same spiritual reality.

The essay on Democracy is a lofty ideal presentation of a matter which just now, as often heretofore, is fearfully concrete in its impact on our experience. But it is good to have a poet so enamoured of our polity and unabashed by the particular illustrations. The thought of the essay is expanded under the heads of liberty, equality, and fraternity; equality being treated as the central term in fact as in the classic trinity. The limitations of equality by education, property and birth are fully considered, the emphasis being on education; and here it is interesting to find the practical utility of culture depreciated by one markedly possessed of it.—*Nation*.

## EDUCATIONAL.

*Child Life.* A First Reader. By Etta Austin Blaisdell. New York: The Macmillan Company. Illustrated. Oil (washable) covers.

There will always be room for so beautiful, usable, and sensible a book as this first of the Child Life Series, of which there are to be four. We had thought that the limit had been reached, and that inventive genius could make no further important advance in the production of first readers. Art and literary skill, psychology and experience had done so much that there seemed no occasion for more.

Miss Blaisdell and the Macmillans have, however, found a subject for the series that is a treasure in itself. *Child Life* is charming, but when you add "Child Life in Tale and Fable," "Child Life in Many Lands;" and "Child Life and Literature," the suggestiveness of delight to children of all ages is boundless. Another departure, so far as we know, is the washable oil cover.

The pedagogical and literary merits have never been excelled, which is a grand tribute to

pay Miss Blaisdell, who has challenged admiration in the face of the best department of school book making. Her success is no surprise to those who have known her to be unsurpassed as a leader and supervisor of primary school teachers. The art work, notably the color feature, has been perfected regardless of expense.—*Journal of Education*.

*The History of Physics in Its Elementary Branches*, including the Evolution of Physical Laboratories. By Florian Cajori, Professor of Physics, Colorado College, New York. The Macmillan Company.

This book is intended mainly for the use of students and teachers of physics. To the latter it is particularly valuable, in that a retrospective view of the development in any branch of the human intellect which can be obtained by reading a history of the science gives a broader appreciation of the principles of that science, and aids in the instruction of it to others. The 64 pages devoted to electricity and magnetism make a valuable reference work for the settlement of



questions or disputes as to priority in development. The evolution of physical laboratories is a subject that has heretofore not been treated in book form, and should therefore be particularly valuable to those working in this line.—*Electrical World*.

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*The Spirit of Organic Chemistry.* An Introduction to the Current Literature of the Subject. By Arthur Lachman, B.S., Ph.D. With an Introduction by Paul C. Freer, M.D., Ph.D. New York: The Macmillan Company.

This book is intended primarily as a supplement to text-books of organic chemistry. A beginner coming upon the 10,000 pages which mark the annual growth of the literature of organic chemistry cannot but be bewildered, and it is to answer the questions which naturally arise in the minds of the students that the present book has been compiled. The articles which make up this volume will be regarded as an important contribution to the history of science. It is to be regretted that organic chemistry is regarded as a labyrinthian specialty, but Professor Lachman's book will tend to clear up many difficulties and is a contribution to the history of science as well.—*Scientific American*.

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*Lectures on the Evolution of Plants.* By Douglas Houghton Campbell, Ph.D., Professor of Botany in the Leland Stanford Junior University. The Macmillan Company.

Professor Campbell is probably the foremost of the small group of what may be termed the philosophical botanists in America, and he is, no doubt, better prepared to discuss the questions taken up in this book, at least in so far as they deal with the archegoniates and seed plants, than any other of our students of plants. Some years ago he brought out his book "The Structure and Development of the Mosses and Ferns," in which he treated the subject in such a modern way as to give new meaning to what had to too great a degree been mere dry detail. In no uncertain words he traced the genetic relationship of group to group, and the student following him was made to feel that the fact of

relationship was real and necessary, and not doubtful or shadowy.

In the little book before us the author discusses, in succession, the conditions of plant life, the simplest forms of life, algae, fungi, mosses and liverworts, ferns, horsetails and club mosses, gymnosperms, monocotyledons, dicotyledons, geological and geographical distribution, animals and plants, influence of environment, and at the end brings together his results in a chapter entitled "summary and conclusions." \* \* \* We need to quote no more from this very suggestive and very readable book. Every botanist and every earnest botanical student will read it with interest and profit.—*Science*.

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*Experimental Morphology.* Part II. By Charles B. Davenport. New York and London: The Macmillan Company.

The second part of Davenport's *Experimental Morphology* that has just appeared deals entirely with phenomena of growth. The first volume described the effects of chemical and physical agents upon protoplasm, and it is intended to devote the third volume to cell division and the fourth to differentiation. The author states that it is the aim of this series "so to exhibit our present knowledge in the field of experimental morphology as to indicate the direction for further research."

The present volume gives a clear, brief statement of what is known in regard to growth in plants and animals. Most of the illustrations are taken from Plant physiology, and it may, therefore, be questioned, whether a zoologist is in position to summarize so large and important a field of botanical research, but in justification it should be stated that Davenport has attempted to deal with the subject from a common biological standpoint. \* \* \*

The book contains many tables compiled from various sources. The data are generally given in the form of curves, so that a large amount of information may be comprised in a single diagram. The clear and judicious discussion of the topics makes the book a model of its kind. Especially praiseworthy is the absence of the rash speculation so predominant in biological literature of recent years.—*Science*.

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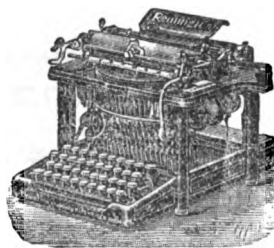
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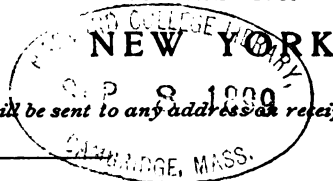
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The duties of the editor have been mainly those of selection and arrangement; but, in order to complete the record, it has been thought well to add connecting links of narrative, which should serve to bind the whole together into the unity of a biography.

## HISTORY.

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Speaking of Volume I, which appeared in the spring, Henry M. Baird says, in *Literature*: "He has given us a highly interesting book upon one of the most fascinating themes of history. 'The Story of France' is the fruit of great research, and is a conscientious and thoroughly readable presentation of a great theme."

George Cary Eggleston says: "His style is terse, simple and direct. In narration he is rapid and graphic. His diction is strong, and his presentation of events and of social conditions is always picturesque and often dramatic. He has wit, humor, and much of that rhetorical fervor which in oral utterance we call eloquence."

*The Inter Ocean*, Chicago, says: "Through the wonderful panorama \* \* \* this clearly told, admirably balanced story of the growth and development of France runs on. \* \* \* Its style is lucid, vivid and magnetic, and its appearance adds a most significant and desirable work to historic literature."

Of the second volume the *Evening Telegraph*, Philadelphia, says: "The public will await it impatiently. Therein, of course, the author will describe the period of the great Revolution, which will naturally be the crown of the entire work."

### Syllabus of European History.

With Bibliographies 1600-1890.

By H. MORSE STEPHENS, M.A., Oxford, Professor of Modern European History at Cornell University; author of "Revolutionary Europe," being Period VII, 1789-1815, in "Periods of European History." Cloth, 8vo. *Ready in September.*

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The lectures deal mainly with political history, but a few on literature, science and art during different periods are interspersed.

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### **The Welsh People; Their Origin, Language, and History.**

By JOHN RHYS, Principal of Jesus College, and Professor of Celtic in the University of Oxford, and DAVID BRYNMOR JONES, Q. C., M. P. Cloth, 8vo.

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Contents: (1) The Welsh Race; (2) The Welsh Language and Literature; (3) Outline of the History of the Welsh People to the Conquest of North Wales; (4) The Welsh Laws and Customs; (5) History of Constitutional Relations of England and Wales; (6) History of the Land Tenure in Wales; (7) Characteristics of the Welsh People. Appendices: (1) List of Principal Authorities on the Welsh Race and Language; (2) List of Principal Authorities on the Ancient Welsh Laws; (3) List of Principal Authorities on the History of Wales.

### **Topics of United States History.**

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Left an orphan by the ravages of the First Sickness, Miles is placed in the household of a severe Puritan, where, influenced by a disreputable young serving-man, Ned Lister, he finds time, amidst the coming of Massasoit, the sailing of the "Mayflower," and the planting of the

cornfields, to stray into mischief. At last the fear of punishment for abetting a duel, which Lister has fought, makes him take his little sister, Dolly, and run away into the woods, where for some days he lives among the Indians of Cape Cod, till an expedition from Plymouth recovers him.

However, in spite of the mischief he does, he keeps the liking of Captain Standish, who at the last, when Miles has shown his courage in giving warning of a supposed incursion of the French upon the coast, takes the boy from his guardian to live with him.

In a review of "Hugh Gwyeth," by the same author, which is now in its fourth edition, the *Saturday* says: "We found it difficult to tear ourselves away from the fascinating narrative. Even Mr. Anthony Hope does not inspire more joyfully the exhilaration of battle, with all the 'swarmings, marches, and thick hubbubs of souldiers,' or maintain more uniformly the excitement of a reader. \* \* \* Miss Dix has exquisite subtlety in her construction, a delicate reticence in her selection of incidents, and unusual power as well as consistency in her creation of live characters. We shall be vastly surprised if she does not carve for herself a prominent place in the ranks of romance."

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of their results on the national life. There are no accidents in history, and one who would understand the American people today should know the orderly sequence of their progress. The chief threads should be sought and each of these traced by itself. These main threads are "Exploration and Colonization," "The Founding of the Nation," "The Dominance of Foreign Relations," "Slavery and State Rights," "The Indestructible Union of Indestructible States." These topics are discussed each as a somewhat distinct unit. In this way it is hoped to avoid blurring the impression which should be made on the mind by the great essentials.

## FICTION.

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There is a delicate yet evasive reality in the academic town which is the setting of the story; there is an unescapable appeal in the contrasted portrayal of the life in bad shops and worse tenements; there is humor, pathos and tragedy in the presentation of character. Professor Worthington and Henry, Annice and her father, Mary and Jennie Burns, Professor Penrose, Benedict Warren, and even Ulysses are living persons, whom it is a delight to know.

### Fruitfulness.

By EMILE ZOLA, author of "Rome," "Lourdes," "Paris," etc. Two volumes. Cloth, 16mo. *Ready in October.*

Emile Zola's new novel, "Fruitfulness" (*Fécondité*), will appear in this country in October. Editions in German, Danish, Norwegian, Italian and Spanish will be published simultaneously with its appearance in book form here and in Paris. In English, the work will bear the title of a literal translation of its French name. It is to be the first of a series as symbolic as the trilogy—"Lourdes," "Rome," and "Paris." This series will consist of the new novel and three others, "Work," "Truth" and "Justice." M. Zola's aim in "Fruitfulness" is to emphasize the importance of the home and its traditions as the only basis upon which a great nation may endure. The purity of domestic life is the keystone of power and civilization, he says.

Here is a translation of the Introduction to "Fruitfulness" prefixed to the opening chapters in *L'Aurore*: "Fruitfulness" is a study, drama, and poem at the same time. It celebrates and glorifies the achievements of a numerous family. Around the central character, who knows how to love and to will, to work and to create, in the midst of a constantly growing family, Zola has grouped more than fifty subordinate personages of the opposite kind, bad and decadent representatives of the modern, social-economic order—men and women who carry death and dissolution with them in lives of Malthusianism, in the terrible mortality of children. "Fruitfulness" is the history of the dissolution of the capitalistic industrial system, the history of fatal and deadly poverty; it is the picture of social hell, the result of social injustice, which inevitably entails the ruin of country and of humanity. It is impossible to create a more impressive and striking drama than that contained in Zola's tale of two deliberate murderers, who are depicted in a series of marvellous scenes. At the same time it is difficult to conceive of a more reassuring, more inspiring and elevating poem than is given here. In the pages of this novel, full of joy and charm, there is the triumphant song of the all-conquering family—the family which conquers by virtue of its numbers, which brings to the country and to humanity the hope of tomorrow, health, joy, indomitable energy in the interest of the coming society and for the erection of justice and truth.

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The story is told in a simple homespun style and abounds in local color. The adventures actually happened, thus giving the story the added value of historical truth.

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Mr. Zangwill's new collection of "Ghetto Tragedies," which is to be published under the title of "They That Walk in Darkness," covers a wide range of production, for one of the stories was written ten years ago, and the latest has only just been finished. It contains specimens of the realistic story, as well as of the poetic imaginative story. "Satan Mekatrig" is an attempt at a kind of Ghetto Faust, the Mekatrig being the name of the Ghetto idea of the seducing Satan. In "Bethulah" Mr. Zangwill has treated a legend of immaculate conception among the sect of Chasidim, joyous Jewish mystics, who live in the remote villages of the Carpathian mountains. "Noah's Ark" is a story of an attempt to found a Jewish state in America, and has peculiar interest at this present moment of Zionist activity.

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# Book Reviews

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## FOUR RECENT BOOKS ON GEOLOGY.\*

It is an encouraging sign that so many eminent geologists are ready to respond to the call of the publishers and prepare books for the non-professional public. Much good will come from this, not merely in disseminating knowledge concerning earth science in places where now little is known, but also to the writers of the books and to the science itself. Few tasks are better warranted to broaden a man and to serve as an antidote for the narrowing tendency of extreme modern specialization than undertaking to present one's own special knowledge, in connection with the specialties of others, in such a way as to make a connected whole that is intelligible to the general public.

Of the books here reviewed, Geikie's *Earth Sculpture* is the most general and hence the most elementary in its treatment. In it are considered the various causes that are operating to produce variety in land form; and the presentation is in such a form that any one interested in this subject will obtain much information and suggestion from the book.

After some introductory pages devoted to certain simple geological principles, the author discusses the influence of position of the rock strata upon land form. In this connection Geikie differs from most European writers, making use of several American illustrations, especially the high plateau of the Colorado. He is, moreover, one of the first of the British geologists to clearly accept and publish in a general book, the American idea of the influence of age upon topographic form. His book is, therefore, interesting to American physiographers, partly as an indication of the spread of the American doctrine, which is destined to produce a profound influence upon geological study throughout the world, and partly as showing to what extent this doctrine is accepted by those outside of the immediate influence of the American school.

In the latter connection it is noteworthy that, while in general sympathy with the American physiography, the author is much more conservative than we are on this side; and this should teach us that we are perhaps over-enthusiastic. It is also worthy of note that we find no tendency on the part of Geikie toward the creation of numberless new words, nor, indeed, toward the acceptance of the many created in America. Those who are prone to add new words for land forms, or for ideas concerning them, should stop to consider whether there is not a meaning in this cordial acceptance of

\* Geikie, *Earth Sculpture or the Origin of Land-Forms*. G. P. Putnam's Sons, New York, 1898.

Russell, *Rivers of North America*. G. P. Putnam's Sons, New York, 1898.

Russell, *Volcanoes of North America*. The Macmillan Company, New York, 1897.

Bonney, *Volcanoes, their Structure and Significance*. G. P. Putnam's Sons, New York, 1899.

the general idea and at the same time a rejection of what many even in America believe to be a needless burden of nomenclature.

Although accepting the American view of the profound influence of time upon land form, it is noticeable that Geikie subordinates this in his consideration and gives rock structure a predominant influence. In fact the book throughout, while a gratifying indication of the spread of the American view, by emphasizing the strong points of the old as well as of the new schools, should serve as a corrective for American excesses in their enthusiasm for the new.

After a rather full treatment of the influence of subaërial denudation upon rock of different kind and position, Geikie turns to a consideration of glacial action; and as this is the subject upon which he is especially well qualified to write, one turns to it with marked interest in order to see how much importance he assigns to glaciers as agents in land sculpturing. Here, as in his chapter on Basins, he presents an exceedingly strong argument for glacial erosion, much the strongest that has appeared. It is difficult to see how those who still deny the potency of ice as an agent of erosion, can reply to his argument that hills have been lowered and rounded, while rock basins have been scoured out by ice erosion.

Some parts of the subject are not so fully treated, as for instance coast lines, the discussion of which seems a little inadequate. But, on the whole, the work is well rounded and thoroughly satisfactory. Written as it is primarily for British readers, and, therefore, with the selection of illustrations of land forms for discussion mainly made regions unfamiliar to most Americans, some will find the book less interesting than if it had been written by an American. Nevertheless, any one wishing to gain a broad view of the origin of land form will find this one of the best books for that purpose. It should find a place in many school libraries for use as a reference book in connection with the study of physical geography.

The great story of land sculpture is well told. One learns from it how, through the ages, the wind, water and other agents of denudation have been in competition with the forces of elevation, with the result that the face of the earth has been battered and scarred, and is still being changed, for the contest is still in progress. The great elements involved, aside from land movement, are the agents of denudation, acting through the long periods of geological time, upon rocks varying in structure and attitude. The interrelation and interaction of these various elements are vividly discussed and the results brought forward with clearness.

From his survey of the subject Geikie draws one great conclusion, which is so unique, and so at variance with the belief of many students of the subject, that it deserves especial mention. After calling attention to the views of geologists concerning the age of the earth as distinguished from those of terrestrial physicists, he says that, although recognizing the evidence of vast changes, as well as the necessity of long periods of time with which to account for them, he does not believe that geological evidence calls for the "countless æons" which are so generally demanded. Coming as it does from the eminent professor of geology at Edinburgh, this announcement is worthy of thoughtful consideration, though it is doubtful if many will be found who have reached the same conclusion from their studies of geological changes.

Among the books under review, perhaps the most interesting to American students is the *Rivers of North America* by Professor Russell, one of a series of books on topics of geomorphology upon which that author has been engaged for several years. For

some reason not apparent to the outsider, the four books of the series so far published have been issued from the presses of three different publishers. They, therefore, do not constitute a series uniform in appearance and have little to indicate the fact that they are a part of a series. This is to be regretted, since it seems liable to interfere with their sale and usefulness.

The volume is interesting from beginning to end, and parts of it, particularly the last chapter on the Life History of a River, read almost like a romance. Throughout the book the author has found it necessary to introduce considerable pure geology, in order that an intelligible explanation of the phenomena of physical geography may be presented; and, in fact, Geikie found the same thing necessary. This is interesting since it has been held by some critics that a real understanding of the land does not presuppose much knowledge of geology; but Professor Russell has found it necessary to preface his book by two chapters almost entirely devoted to a statement of geological principles; and it seems certain that, by so doing, he has made his book accessible to many readers who otherwise might not be able to use it. At intervals through the book other geological principles are skillfully introduced where needed.

Following these introductory chapters is one mainly devoted to a consideration of waterfalls. So far as it goes this is excellent, but the subject is so important and so full of interest that it would seem to call for a much fuller presentation than the author has given it. With Niagara and the thousands of other falls to serve as types, and with nearly every one more or less interested in them, a complete study of waterfalls could not but add to the value of the book. The treatment really seems not only inadequate, but out of proportion when compared to the discussion of some relatively little known stream deposits in the West, though it is probable that Professor Russell has chosen to limit the consideration of such well-known features as waterfalls in order to find space for a fuller discussion of less well understood topics.

Chapter IV., devoted to the materials transported by streams, closes with one of the best discussions of underground streams and caverns that has appeared in a popular treatment of the subject. It is not a mere summary of knowledge, but a specific statement of fact and conclusion concerning certain selected American caverns, in large part those visited and studied by the author. Even more markedly is the influence of the personal studies of Professor Russell detected in Chapter V., in which stream deposits are considered. Even the professional geologist will find suggestions of value in this chapter, in which the author appears at his best, owing to his wide experience in various parts of the world, and especially to his long-extended studies in the desert regions of the West, where some of the phenomena described are especially well illustrated.

While the next chapter, on stream terraces, is also excellent, it is the three last chapters of the book that the majority of readers will find most valuable. About seventy pages, constituting Chapter VII., are devoted to a statement of stream development, presenting the most complete popular treatment of this American contribution to physiography that has so far appeared. In it is treated with sufficient fullness the American idea of the life history of a river, its birth and development and the various influences and accidents that are commonly at work to interfere with or in other ways modify its normal development.

This chapter is followed by one of illustration, certain American rivers being selected to illustrate the stages of development. While some might have preferred to introduce these illustrations at the time of treatment of the topic illustrated by them, it is to be recognized that by thus separating the specific illustrations, as he has done, Professor

Russell has not merely illustrated, but has given prominence to the individual rivers. After having read the chapter on stream development, this study of well-known instances serves in a measure as a review and as an application to phenomena already familiar from other standpoints. It must serve also to fix the principles of stream development.

The last chapter on the Life History of a River is a brief one, being in the nature of a review or a summary. Here the river is idealized; and, from an imaginary instance, a river is carried through the cycle of development from birth to old age, and so well done that one reads it with a feeling of intense interest. Few attempts at clear, interesting statements of scientific principles have been more successfully executed than this. It deserves to stand as a classic in geological literature.

The readers of this book should be numerous. It is a part of a series intended for adults of scientific tastes; but it should be even more useful than this. Teachers of physical geography in the high school and college will find it a useful work of reference for their classes; and geography teachers will be able to use parts of it as a geography reader. In these latter directions it would have been more useful had it been more fully illustrated; and many who use the book will regret that more frequent references have not been made to the large number of papers which Professor Russell has made use of in the preparation of the book. In other words, while abundantly satisfied with the book so far as it goes, our desire is for more.

Previous volumes of the Reading Lesson Series by Russell are *Lakes of North America*, *Glaciers of North America*, and a recently published volume on the *Volcanoes of North America*. In each of these the plan is much the same as in the *Rivers*, just reviewed. In the first chapter of the *Volcanoes*, which occupies more than one-third of the book, are some exceedingly entertaining descriptions of various types of volcanoes and volcanic activity, the typical illustrations selected being from Stromboli, Vesuvius, Krakatoa, and the Hawaiian volcanoes. The discussion of volcanic cones is followed by a consideration of various eruptions, and that by a study of the products of volcanic activity. The remainder of the chapter is devoted to a study of the features of volcanoes, their internal structure, the action of erosion upon volcanic rocks, the various forms of intruded lavas and a classification of the igneous rocks.

After this preliminary discussion of general characteristics, follows a more detailed study of individual North American volcanoes. First of all, in Chapter II., is a statement of the distribution of recent centers of activity in the continent; then a study of the Central American cones, occupying Chapter III. This is one of the most entertaining sections in the book, for in it is contained a description of a number of volcanoes which have come into existence under the eye of man, and also a description of several of the leading large volcanoes of Central America, including Consequina, which erupted so violently in 1835. This description, as in fact is the case with most of the books, is an abstract from the works of previous writers, from whom Russell has widely drawn, selecting many of the most interesting points.

The volcanoes of Mexico are considered in Chapter IV., and of the United States in Chapter V. A large part of the latter chapter is devoted to those recently extinct craters and cones which are within the boundaries of the United States proper. There is a discussion of the interesting craters in the basins of interior drainage in Utah and Nevada, many of the observations being based upon the personal studies of Russell. These craters, while not now active, are among the most recent in the country, having been in eruption since the waters of the Great Basin left those former high levels which are indicated by the beaches of extinct Lakes Bonneville and Lahontan.

There are also some fine descriptions of those magnificent volcanic cones, notably **Shasta, Hood and Rainier**, which rise near the western coast and form so prominent a part of the Cascade Ranges. One cannot fail to be interested and instructed by the pages devoted to the extensive Columbia lavas, which spread over an area of between 200,000 and 250,000 square miles, filling large areas in the valleys of the Snake and Columbia Rivers, which are in many places raised to a level plain by the thousands of feet of solidified lava that has, in large measure at least, been extruded from the earth through immense fissures. The relation of this lava to the canyons of the Columbia, and to the mountain blocks which form the Cascade Ranges, is clearly brought out by the author. Much of the material in this section was obtained from Russell's recent studies in Washington and Oregon.

The description of the Alaskan volcanoes is also full of interest. It is probable that most citizens of the United States are not aware that within the control of this country, in Alaska, there exist a large number of active volcanoes. On the peninsula of Alaska, and on the off-lying Aleutian Islands, there is a belt of active cones 1,600 miles long and 40 miles wide, in which there are at least 57 active or recently extinct craters. Among these perhaps the most notable are Bogosloff, which was born as an active volcano in 1795, and its nearest neighbor, New Bogosloff, which came into existence in 1883. Our information about these Alaskan volcanoes is so limited that Russell has not been able to make nearly so entertaining a story of this region as many readers could wish.

In Chapter VI. is a discussion of the marked importance of volcanic dust and its contribution to the surface of the earth. This discussion brings clearly before the reader the fact that, although the additions through lava flows are important, the contributions of deposits of volcanic dust are not to be forgotten. Chapter VII. is devoted to theoretical considerations, and is concerned chiefly in an attempt to account for the eruption of lava. In this discussion Russell limits the responsibility of steam by assuming that cracks in the earth have reached down to the zone of molten rock, which has risen through these conduits, under the earth pressure, until, coming in contact with water-bearing layers, steam has become involved as the final agent of expulsion of the lava. While doubtless too much importance has been assigned to steam as an agent of expulsion, it seems hardly likely that the majority of geologists will follow Russell quite as far as he has gone in his attempt to limit this responsibility.

The last chapter of the book is an entertaining account of the life history of a volcanic mountain from its birth to its death. Much the same style is found here as in the final chapter of the book on Rivers; but, while taken by itself it would seem a fitting climax to the book, it is not to be compared in effectiveness with his statement of the life history of a river, which is really one of the gems of geological writing.

While for the most part beautifully written, with a style that is exceedingly interesting, and while very comprehensive in its scope, it must be frankly stated that this book does not attain the standard reached by his book on Rivers. There are in the book numerous typographical errors, some evident looseness of style, and a number of statements to which most geologists would not agree. There is also some weakness in omission, not merely omission of volcanic cones from his map of their distribution, but a failure to consider important regions, notably the West Indies. It is to be said in his defense, with relation to the latter region, that the literature was not very extensiver nor very easily accessible; but, nevertheless, there should be at least a mention of this important district. One is impressed by the distinct unevenness in the division of the



subject, Chapter I., for instance, occupying the first 126 pages, while Chapter II. covers only the next six. It would have aided the appearance and arrangement of the book had the subjects treated in the first chapter been separated into several chapters.

The entire series of Russell's books should have a distinct place in the geographical libraries; for as reading lessons in the geography class, and as books of reference for the high school library, they stand among the best; but among his four books so far issued no one stands out so prominently as his last volume, that upon Rivers.

Bonney's book upon *Volcanoes* makes an excellent companion to Russell's; for, while there is some duplication of subject matter in the two, the point of view of Bonney is so largely European, while that of Russell is avowedly American, that the main subjects treated in detail are different in the two cases. As in Russell's book, the first chapter discusses the life history of volcanoes, and many of the same centers are naturally selected by the two authors; for, in attempting to illustrate this subject, one naturally selects those volcanoes and eruptions which have been most thoroughly studied, or else those which, because of their violence, or other peculiarities, have attracted most attention. Thus in each volume we find an account of the eruptions of Vesuvius, the Hawaiian volcanoes, Krakatoa, Cotopaxi, Bogosloff, etc.

Chapter II. of Bonney's book deals with one of the least interesting parts of the subject of volcanoes, namely the material erupted. Few people who read the volume for the sake of the general information will find this section of much interest. The different kinds of lava, classification of igneous rocks, nature of volcanic ash, jointing, and similar subjects are discussed in this part of the book. It is a question whether in a volume intended for the audience for which this is written, there is not too much attention given to these matters of detail; it does not go far enough into the subject for the scientific student, but goes rather too far for the needs of the ordinary reader.

Following an exceedingly logical order of presentation, Bonney devotes the third chapter to a consideration of the dissection of volcanoes, teaching from them many lessons concerning not merely the construction of cones, but also their action. In fact, from a study of a number of volcanoes, which are particularly adapted to illustrate the points considered, the author is able to develop the principal events of volcanic eruptions under varying conditions. This is very skillfully done, and one is instructed upon the larger principles of volcanic activity, while at the same time he is reading a description of some well known-volcanic regions. Among the places selected to especially illustrate volcanic activity, through a study of the dissection of cones, are the two European districts of Auvergne and Eifel. The description of the former is particularly full and interesting, being based to a considerable extent upon a personal examination by the author of the book.

Following this study of recent cones is a brief examination of ancient eruptions, based almost exclusively upon the evidence of former volcanic activity in the British Isles. This chapter, on the Geological History of Volcanoes, is so largely British that it will not be read with great interest by the general reader in America. It would essentially mean the reading, in a single chapter, of an abstract of Geikie's splendid work upon the *Ancient Volcanoes of Great Britain*, although, as the author says, the chapter is not a mere abstract of this volume, but is based to a considerable extent upon his personal work among the igneous rocks of the British Isles.

In the fifth chapter, devoted to the distribution of volcanoes, and illustrated by an excellent map showing the distribution of extinct, recently extinct and active cones, one

finds a mass of exceedingly valuable information concerning both active cones and volcanic areas all over the world. While necessarily brief, because of the limited size and scope of the volume, there is at least mention of almost all the most noted volcanic cones, with something concerning the height of the cone, the nature of the material erupted, and the period of activity.

From the study of active and recently extinct cones of the world; Bonney draws four conclusions, which are by no means new, but which may be briefly summarized as follows: 1. That active volcanoes are in most cases either in or near great masses of water. 2. That elevation above sea level appears frequently to diminish the volcanic activity, the high summits being mostly extinct or else eruptors of ash instead of lava. In this connection, Bonney says, "While we are unable to assign any fixed limit, we may say that it seems possible for a volcano, like a human being, to outgrow its strength, and to pay for increased stature by diminished energy." 3. That volcanoes are linear in extension, being grouped in more or less curving bands which often reach, from end to end, for a distance of many hundreds of miles. 4. That these linear "zones are usually related either to great mountain chains or to the coast lines of continents, or to connected strings of islands, or to long submarine plateaux, which separate deep oceanic basins."

This statement of fact concerning volcanoes, which occupies the first 263 out of the 317 pages of the book, logically leads to the sixth and last chapter, which deals with the *theories* of volcanoes. The *facts* of volcanic activity have been previously exceedingly well stated, and this is followed, in the concluding chapter, by a very interesting discussion of the cause of the phenomena described earlier in the book.

Naturally the attempt at an explanation of volcanoes is not thoroughly successful, since, in order to obtain such an explanation, it is necessary to depend largely upon the imagination to supply the missing facts which are hidden in the depths of the earth. Notwithstanding this, it is interesting to notice that Bonney reaches very nearly the same conclusions reached by Russell, namely that the interior supply of heated rock, having a temperature sufficient to melt it under ordinary pressure, is forced up through fissures toward the surface of the earth by means of the pressure of the crust, and that the steam, which is so apparent an *aid* in volcanic action, is important only at the top. Bonney makes a fairly successful attempt to harmonize these general conclusions with all the known facts of volcanoes; but he is nevertheless forced to admit that there are many things connected with volcanic action which must be considered still as mysteries. Upon this point the author has the following to say: "Much error has been cleared away, paths, as it were, have been hewn into the tangled thicket, the broad lines of investigation have been traced, many important facts have been ascertained. Perhaps the principal causes have been surmised, but at present we generally can affirm a fact more confidently than we can offer an explanation; and there may be some physical principle which as yet is undiscovered, or the importance of which has hitherto been overlooked."

The book is neatly put together, in harmony with the other volumes of the Science Series; but, as in the case of Geikie's *Earth Sculpture*, reviewed above, the illustrations are not very numerous. In style the volume is well written, and, therefore, dealing as it does with geological matters of high importance and rather dramatic interest, it will win many readers.

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## TROPICAL COLONIZATION.\*

THERE is probably no subject about which the average American citizen is more anxious to obtain information at the present time than tropical colonization, nor one about which accurate information is so difficult to obtain. In the preface to *Tropical Colonization* the author states that no work has yet appeared in the English language dealing specifically with the peculiar problems which are involved in the possession of tropical dependencies; and a careful examination of a number of library catalogues reveals the fact that although there are innumerable volumes devoted to the history, condition, and prospects of the several tropical colonies of the European nations there is, in fact, no work in which the student may find a setting forth of the general features of the art or science of tropical colonization.

That the nineteenth century should have nearly run its course before the appearance of the first book on such an important subject as tropical colonization is a fact sufficiently curious to justify a somewhat minute examination of Mr. Ireland's volume; and if further justification were needed it might be found in the general anxiety of the American people to inform themselves in regard to the new and urgent questions with which they are now confronted.

The reader is informed in the preface that Mr. Ireland spent the greater part of the past twelve years in the British Colonies in both hemispheres; and it may be inferred from occasional remarks throughout the book that he has also visited the French and Dutch colonies and other parts of the tropics.

*Tropical Colonization* is avowedly an introduction to the study of the subject; and the author has selected three questions the answers to which contain the more essential information concerning the three most important aspects of his subject. These questions, which do, without doubt, express exactly what the people want to know about tropical colonies, are: (1) How can you govern a tropical colony? (2) How can you develop a tropical colony? (3) What does it amount to when you have done it?

The first of these questions is answered in a chapter on "The Forms of Government in Tropical Colonies." The author describes in detail the two forms of government in force in the British tropical colonies—the system of representative institutions without responsible government, and the Crown Colony system. The first system is enjoyed by few colonies—British Guiana, Mauritius, Barbados, Jamaica, and the Leeward Islands. In these colonies the electorate consists chiefly of negroes and colored men, and in some of them the white men are in a minority in the legislature. An interesting account is given of the qualifications of voters, of the methods of procedure in the legislative bodies, and of the control exercised by the Colonial Office over the action of the local legislatures. The Crown Colony system, which prevails in most of the British tropical colonies combines direct imperial control over local affairs with a judicious deference to local opinion. In these colonies the Governor is not guided by elected legislatures but depends for advice on a Council nominated by the Crown. Mr. Ireland devotes some pages to a description of the duties and responsibilities of colonial Governors in the British colonies, and explains concisely the working of the British Colonial Civil Service. The method adopted by the English appears to be to secure a

\* *Tropical Colonization. An Introduction to the Study of the Subject.* By Alleyne Ireland, author of "Demerariana: Essays, Historical, Critical, and Descriptive," with ten statistical charts. The Macmillan Company, New York, 1899.

good man, appoint him for life or during good behaviour, assure him of promotion if he proves capable, provide for a good pension at the end of his service, or in the event of his death a comfortable provision for his wife and children, pay him a handsome salary for his services, and dismiss him at once if he turns out dishonest or incapable.

It will surprise many readers to learn that the Governor of British Guiana, a colony with a population of about 300,000, receives a salary of \$24,000 a year.

Following the description of the governments in the British tropical colonies there is an account of the system adopted by France in her tropical colonies and of the Dutch government in Java. The reader is thus enabled to study and compare the policy adopted by the three great colonizing powers in regard to the government of their tropical dependencies.

The third chapter of Mr. Ireland's book deals with the much-debated question of Trade and the Flag. The author points out that those writers who have discussed this question in the past have adopted the method of giving their readers in a few words the conclusions in regard to the matter which careful study seemed to justify but that none of them have laid any of the premises before the student. In *Tropical Colonisation* a different system has been adopted. The opinions expressed by the author are founded on an examination of a number of diagrams prepared by him with the special view of determining the points at issue. These diagrams are included in the volume and the reader is, therefore, in a position not only to examine Mr. Ireland's opinions but also to study the exact figures on which those opinions are founded. The range of inquiry is too wide to permit of an examination in this review of all these diagrams; but the first and second diagrams may be taken as examples. The point to be determined by Diagram 1 is the value of the British Colonies and Possessions to the United Kingdom as a source of supply. The diagram covers forty years, 1856-1895. Forty vertical columns, constructed to scale, represent the value in pounds sterling of the total imports each year into the United Kingdom, and the proportion of imports which came from the British Colonies and Possessions is shown by shaded lines. Thus in 1856 the column reaches the mark in the scale which is opposite 172, and the shaded portion reaches the 43 mark. This indicates that in 1856 England imported 172 million pounds' worth of goods of which 43 million pounds' worth came from the British Colonies and Possessions. Running across the diagram is a curve showing the proportion per cent. which the value of imports from the British Colonies and Possessions bore in each year to the value of the total imports of the United Kingdom. The diagram therefore shows at a glance the value of the total imports of the United Kingdom each year from 1856-1895, the value of the imports from the Colonies, and the relative importance of the colonial imports. The curve in the diagram is really the most important part of it for it shows whether the total import trade of the United Kingdom is increasing at the same rate as her trade with the British Colonies and Possessions, or in other words, whether England is as dependent as she was forty years ago on her colonies as a source of supply. It is seen at once that this is, in fact, the case, for in 1856, 1857, 1858, 1859 the colonial imports formed 23.6% of the total imports into the United Kingdom, and in 1892, 1893, 1894 and 1895, 22.8%. Diagram 2 is intended to determine the dependence of the British Colonies and Possessions on the United Kingdom as a market for their goods. Here again the enquiry covers forty years. The construction of the diagram is similar to that of diagram 1, the figures of course relating to the value of the total exports of the British Colonies and Possessions and the value of such exports to the United Kingdom. By means of the curve in the

diagram we are informed of the striking fact that whereas forty years ago the British Colonies and Possessions used to depend on the United Kingdom to purchase 57% of their produce they now send to the United Kingdom only 36%. Taken together the diagrams in *Tropical Colonisation* present a large amount of unusually valuable information. They are not confined to the trade of the United Kingdom with the British Colonies and Possessions, but include amongst other aspects of Trade and the Flag the trade of the United Kingdom with the United States during the past forty years, and the trade of France with the French Colonies during the past twenty years.

In the chapter in which these diagrams are examined Mr. Ireland makes an important differentiation between tropical and non-tropical colonies, showing that whilst the British non-tropical colonies purchase yearly, per head of their population, British goods to the value of \$12.38, such purchases in the tropical colonies amounted to only 71 cents per head. The conclusions drawn from Mr. Ireland's figures cannot fail to be of the greatest interest to statesmen, for it is shown beyond doubt that from the commercial standpoint the birth of one child in the United States is more profitable to England than the birth of three children in her own Colonies and Possessions, taken as a whole, that is without differentiating tropical and non-tropical possessions. At the conclusion of the chapter on "Trade and the Flag" the results of the analysis of the figures in the diagrams are given in the form of eighteen concise formulæ.

About half of Mr. Ireland's book is devoted to the labor problem in the tropics. Its earlier aspects are examined; and a description is given of the solution of the problem by the English by means of the system of imported indentured labor, and of the Dutch "culture-system" in Java. The greater part of the information contained in this portion of the work will be entirely new to most readers. Mr. Ireland differs from most travellers in the tropics in that, instead of studying the condition of the laboring classes from an easy chair in the hotel verandah, he went on the sugar estates and worked amongst the people as an overseer for some years.

The ground covered by the author in his examination of the labor problem in the tropics is so extensive and the amount of entirely new information so great that it is impossible to do more than refer the reader to the volume itself. It is interesting to note that the only reliable information in regard to the labor-problem in the tropics which has appeared in this country during the past year has been from Mr. Ireland's pen. Many readers will remember his article in the *Atlantic Monthly* on "European Experience with Tropical Colonies," and the one in the *Popular Science Monthly* on "The Labor Problem in the Tropics."

The author concludes his book with an Appendix containing a classified list of about 500 works relating to colonies and colonization. The volume is admirably indexed.

## HENRY WORTHINGTON, IDEALIST.\*

THERE is no story so romantic as that of "a good man grown slowly wise"; and best of all these is the story of a good man who has learned wisdom through the love of a good woman. In the old legend of King Arthur, young Percival went in quest of the Holy Grail, and on and on till he found it; and then he became the priest of its temple, and so was spirited away in a sort of heavenly splendor, like a rainbow. Now-a-days, I am thinking, we have more sympathy with Gawain, who saw the Grail indeed, but who came back to earthly things, fought the battles of the weak and down-trodden, and found his final happiness in the company of the best and fairest of women.

Henry Worthington is a good man, and the story Miss Sherwood is telling is that of the first great trial he had to undergo after he buckled on his armor for the great war of life. Miss Sherwood is apt to write these stories of idealists; the book which made her popular two years ago was *An Experiment in Altruism*. In the present story the subject is a young college professor, a specimen of nineteenth century knighthood, armed cap-a-pie in all that careful training, wealth, and native strength can give. He is set before the young men as an example, and bears himself like a true knight. Then suddenly across his view flashes the radiant vision. He vows the quest with all the enthusiasm of youth; and in the trials and discouragements that follow he learns the lessons of humanity. The hardest lesson of all is made easy for him, too easy perhaps, by the confidence and sympathy of a forlorn little maiden with gray-brown eyes.

Worthington is not like Gawain, but he is seriously what Gawain sometimes wished to be.

The serious men of our universities are the young knighthood of later times. They are the men-at-arms far in advance of the army of humanity, running into all sorts of dangers, and ready at all times each to sacrifice himself for the cause of his ideals. As they grow older they learn better the power of the great army behind them, and come back into line, either to do the work of humble privates, or to lead more slowly over the ground they have already explored. This one is a type of the class. They are all idealists, of course; and Miss Sherwood observes, "in this world where thought is the reality, each \* \* \* constructs the universe after the pattern of his specialty." It is awful to think of the thousands of young enthusiasts this old world is crushing year after year, as she rolls along in the same relentless way. But their labor is not lost. They appear for a moment perhaps, succeed or fail for the moment, and seem to be forgotten, and their bodies go into the chasm; but something has been accomplished by their very coming, although it takes a vast number of such sacrifices to make any apparent progress.

It seems to be one great mission of the American people to work out the problem of social equality among men. At this time America stands for a mighty paradox. She has done more to make men free, and more to make them slaves, than any other nation on the face of the earth. When Henry Worthington was studying in the universities of Europe he heard men discussing these questions in the spirit of abstract truth.

"A constant reproach against her had been on the lips of the people about him. America, said his young German and Austrian friends, represented a purely mercenary civilization, whose root was greed. She had sold her soul for the dollar. To the young man who had known only the colonial traditions of his country, the criticism

\**Henry Worthington, Idealist*. By Margaret Sherwood, author of *An Experiment in Altruism*, *A Puritan Bohemia*. The Macmillan Company.

was as exasperating as it was incomprehensible. To him! she seemed a land of loftier ideals than the whole world knew, ideals of freedom, equality, justice. He had walked all his life in the shadow of the Pilgrim fathers, unconscious that that shadow is too short to reach from end to end of this great territory. Henry had grown morbidly sensitive in his patriotism, and once, after a heated debate, had almost challenged young Herr Ruprechtstoettner to a duel, on the ground of insult to the American flag. The criticism had made the tide of his thought set all one way. The principles for which his country stood presented themselves constantly in sharp antitheses to the social and industrial abuses of which she was accused."

This last war, says Miss Sherwood, is a war "in which chivalry and lust for power had so strangely blended." That war is over. "It was for other service that the flag called now. The crises of to-day are industrial crises. To help root out even one syllable of wrong thought was an opportunity as glorious as death on the field of battle. The task was great; his arm was feeble, but it was ready."

The university world is outside the actual turmoil. There is no inequality but that of inborn ability among the longfaced men whose serious views of their duties in life have kept them at the universities beyond the term of the conventional college course. But when he comes out into the real world the student has a lesson to learn that is never taught in the classroom nor on the campus. By special mercy there is given to youth an enthusiasm to carry him through this trial.

"The desire of omniscience is a disease of youth, like measles," says Worthington's crabbed old friend. "That young one will get over his wandering around and will settle down some day."

Worthington neglected his books of theory, and took up the study of practical questions.

"The thought of passionate service possessed him. Mere student and thinker, he said to himself, he could find no place among men of action. He must stand at one side, with his books, and watch the slow drifting away from earlier and nobler standards of national honor. He had clenched his hands at the thought of his uselessness as he paced the streets of foreign cities, until one moment's sudden insight had pointed out his path."

How long it will be before the city of Winthrop will smother the memory of Professor Worthington's crusade against the sweatshops, I do not know.

There is another new factor in the affairs of our day, besides the change from physical to intellectual battle. That is the part that women have come to take in all the business of humanity. This is very much the story of Annice Gordon, Idealist. Women have always had their influence upon the affairs of the world through the actions of men, and occasionally a woman has played the part of a man; but now it is more than that. It is their own business, and they take their own part in it directly. There has come such a pass, indeed, that a man cannot undertake the study of any great problem, especially perhaps in such a subject as economics, without recognizing the help of woman's quicker intuition in learning many things that he could never reach. If Worthington had not met Annice Gordon he would have failed at the outset, for it was not in his nature to learn by intuition, or sympathy, the character which might lie beneath the surface of the classes of people he was trying to study, and without that his study would have been worthless.

The same sort of quick sympathy that is characteristic of Annice Gordon seems to belong to the writer of the story. Miss Sherwood enters into the spirit of these imaginary personages as if they were real, and consequently makes them seem real to the reader. Although she may be giving us a lesson in social economics she is not lectur-

ing, and it is not for that she is writing. The story is the main thing; and if there is involved a lesson in economics it is because the imagination of the author is so true as to carry the lesson of real life. From the point of view of mere composition, the economic problem furnishes the motive that is to give unity and probability to the whole narrative.

It is a story of character. The persons are very real. Especially Henry Worthington himself, with his ideals, his enthusiasms, and his natural limitations. The training he had received is illustrated:

"The few admonitions that the boy had received were all the more effective for being infrequent.

" 'Henry,' this father had said to him one day when the child was seven, 'When a question is asked you, give a direct answer, if you answer at all.'

"There are not many men in existence who, in thinking and in speaking, go so directly to the point as does Henry Worthington.

"One or two other pieces of intellectual training Alfred Worthington had vouchsafed to give his son.

" 'Never seem to know a thing when you don't,' he said. 'It is hardly necessary to tell my son not to pretend to have knowledge that he hasn't, and I mean, too, know when you don't know a thing. That is the great secret of scholarship.' "

And again:

" 'Decide for yourself,' his father had said. 'I want you to make up your mind about things. Only, always tell me what you decide. I have sometimes thought that you are not quite ready to take your share of responsibility.' "

And so, in the introduction, when the young instructor is pacing up and down the lecture room waiting for his first pupils, he rehearses his life and the growth of his ideals. Then, as the story goes on, following him through the changes of his fortunes by the actual effect they had upon his thoughts and actions. His character grows and matures in the course of the story in a way that is unusual. He is indeed "a good man grown slowly wise," and at last he stands looking forward, his shoulders squared, "the old look, and a new one with it, in his face."

In like manner the lesser characters stand out as real people, and change in themselves as they grow older: Annice Gordon, with her quick sympathies and her inconsistencies; old Professor Worthington, all wrapped up in his college and his boy; and Benedict Warren, the hardened philistine, driven in his old age to forsake his cynicism for love of his friend. Only Samuel Gordon, the man whose soul was wrought and tempered by trade, never changes.

FRED N. RAYMOND.

NEW YORK.



## AMONG THE COLLEGES.\*

DR. A. E. LOVEJOY has been appointed Assistant Professor of Philosophy in Stanford University.

ASSISTANT PROFESSOR F. KENNEDY has been made full Professor of Philosophy in the University of Colorado.

DR. WALTER DENNISON, assistant in the Latin Department of the University of Michigan, has been appointed to the chair of Latin in Oberlin College.

P. H. HORNE, a graduate of and instructor in the University of North Carolina, has been appointed Instructor in the Department of Philosophy in Dartmouth College.

Mr. S. G. OLIPHANT, Instructor in Greek and Latin at the Phillips Exeter Academy, has been elected to the professorship of the Latin language and literature at Washington and Jefferson College, Washington, Penn.

DR. W. SOMERVILLE, Professor of Agriculture and Forestry at the College of Science, Newcastle upon-Tyne, in connection with the University of Durham, has been elected to the new professorship of agriculture in Cambridge University.

VICTOR C. ALDERSON, Professor of Mathematics, has been elected Dean of the Technical College of Armour Institute of Technology, vice Thomas C. Roney, deceased. Dr. Alfred E. Phillips has been chosen Professor of Civil Engineering. Willard C. Gore, formerly Instructor in English at the University of Michigan

has been elected Professor of English Literature.

DEPAUW UNIVERSITY in Indiana has been passing through a hard struggle on account of the financial depression in industrial properties; but the DePauw estate will be settled soon, and the University is expected to be soon in a satisfactory financial condition. Dr. W. H. Hickman has been elected Chancellor of the University. Bishop Bowman has been made Chancellor Emeritus, and Dr. P. S. Baker of the Chair of Chemistry, has a leave of absence for one year, which he will spend in Germany.

PLATO T. DURHAM, a graduate of Trinity, and also of Union Theological Seminary, New York, has been elected Adjunct Professor of Biblical Literature and Church History in Trinity College, Durham, North Carolina. At the recent Commencement, the alumni of the institution presented to the trustees a large auditorium, the Craven Memorial Hall, erected in honor of the first President of the institution. Mr. B. N. Duke, of Durham gave \$50,000 to the Endowment fund. This makes \$183,000 donated by Messrs. W. & B. N. Duke during the last Academic year.

At a recent meeting of the Board of Control of the Michigan College of Mines, Professor Fred. W. McNair was unanimously elected president of the institution. Professor McNair has been for some years in charge of the Department of Mathematics and Physics, and so closely identified with the work and growth of the College that its history, aims and methods are entirely familiar to him. Professor McNair is a young man of sterling character, fine executive ability, an energetic and successful teacher. The Board and the friends

\* In order to make this section of BOOK REVIEWS as complete as possible, the editor asks for the cooperation of college authorities. Properly authenticated news will be printed of all changes in college faculties, changes in instructorships and important college news.

of the institution express great confidence in his ability to maintain the College in the front rank of monotechnic schools. A. E. Seaman has been appointed Professor of Mineralogy and Geology. Professor Seaman was formerly Assistant Professor in these subjects.

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BROWN UNIVERSITY twenty years ago bestowed on him whom she has now made president—then a senior in the college—a premium annually awarded to two members of the senior class who “shall, in the judgment of the faculty, unite in the highest degree the three most important elements of success in life—ability, character, and attainment.” A singularly forcible fulfillment of the prophecy has thus come to pass. Dr. Faunce as preacher and pastor has become one of New York's recognized city religious leaders. He was born in Worcester, Mass., in 1858, and is of Pilgrim ancestry. He fitted for college at Concord and Lynn, entered Brown in 1876, received his degree as A.B., entered Newton Theological Seminary, and was graduated in 1884. He was ordained the same year as pastor of a church in Springfield, Mass., and in this pastorate he continued until called to the Fifth Avenue Baptist Church in New York City, where he has remained until the present time, a period of about ten years.—*The Outlook*.

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AMHERST, like Yale, has followed tradition by choosing for its new president a graduate of the college. Professor George Harris was graduated just one-third of a century ago, and even at that time was recognized as a man of thoroughly scholarly tastes and of decided ability. His history since graduation is that of a successful pastor, and of a teacher of theology of power and wide personal influence. He left Andover Theological Seminary as

a graduate in 1869, and returned to it as Professor in Theology in 1883. In the interim he filled pastorates in the High Street Congregational Church of Auburn, Maine, and the Central Congregational Church at Providence, R. I. The chair of Theology at Andover has been filled by him continuously from 1883 until the present time, and in conjunction with it he has taught most acceptably in sociological subjects. For the past two years he has been a university preacher at Harvard. From 1884 to 1893 he was editor of the *Andover Review*. He is thus minister, teacher, author and student of social subjects. His long service at Andover, recognized as of the highest type, eminently fits him for his new responsibility.—*The Outlook*.

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THE Dean of the Women's Division of Colby College, Miss Mary A. Sawtelle, resigned last June in order to pursue special studies in France. Her place will be filled by Miss Grace E. Mathews of Newtown Centre, Mass., a recent graduate of Smith College. Professor Roberts, of the Department of English, will have a year's leave of absence for advanced study. Mr. Hedman, heretofore Instructor in Greek and Latin, will have a year's leave of absence for special study in the French language and literature in Paris. During Mr. Hedman's absence his work will be performed by Mr. F. H. P. Pike, of Boston, an alumnus of Colby. Professor J. W. Black, of the Department of History, will return this fall from some months' absence in Europe, during which time he has been collecting material for special work in his Department. With the opening of the year, September 20th, the College will, for the first time, make use of the fine new chemical laboratory which was dedicated at the last commencement. It is regarded as one of the best buildings of its class in the country.

THE College of Charleston, Charleston, S. C., is to mark the beginning of its one hundred and fourteenth year by opening its first dormitory and establishing forty free tuition scholarships, one to each of the forty counties of South Carolina. In addition, the Boyce scholarships, which give \$150 a year and free tuition, are to be thrown open to competition, and any young man, resident of Charleston or otherwise, permitted to compete.

This institution, since its foundation in 1785, has been distinguished for its high standard and thorough work. It has received from time to time handsome donations from the wealthy men of Charleston and the low country of South Carolina, and has always enjoyed a liberal patronage from that section. But of late years a vigorous effort has been made to extend the field of its patronage. This effort is now meeting with success. The buildings of the college, erected in the early part of the present century, partially destroyed by earthquake, but now completely restored, occupy a handsome campus centrally located in the city of Charleston. This quaint old Southern city, with its fine climate and ocean breezes, seems peculiarly fitted to be the seat of an institution of learning.

At the June meeting of the board of trustees, Professor Samuel Ross Winans, of the Greek department was appointed Dean of the University. He is a Princeton graduate, of the class of '74, and has been for twenty years one of the most efficient members of the faculty. He is regarded as one of the most cultivated scholars in that body and as an unusually skilful teacher. He will occupy the Dean's House, a handsome and venerable building which dates from about 1755 and was the home of all the presidents from that time until the Potter Mansion became college property, during Dr. McCosh's ad-

ministration. At the same meeting Professor Bliss Perry was transferred from the chair of Oratory and Criticism to the Holmes Professorship of English Literature, made vacant by the death of Dean Murray. The position hitherto filled by Professor Perry was supplied by the election of Professor Stockton Axson, of the Adelphi College, Brooklyn. Mr. C. C. Cuyler, '79, of New York City, was made a member of the board of trustees.

President Patton sailed for Europe immediately after Commencement. His eldest son, Professor George Stevenson Patton, has been for several years abroad on leave of absence, studying principally at Berlin and Cambridge. Leave of absence for one year has been granted to Professor Willard Humphreys, of the German department. His courses have been left in charge of Professor Hoskins, who will be assisted by Mr. Beam, '96, appointed instructor for one year. Mr. David Magie, '97, formerly a teacher in Lawrenceville School and during last year a student in the graduate department, was appointed Instructor in Latin, and is now in Germany, making further preparations for his work. Mr. Magie is a grandson of James McCosh. Professor Jesse Carter, of the Latin department, is at work for the summer at Halle and Leipzig; Mr. George Priest, Instructor in German, is at the University of Freiburg; Professor E. O. Lovett is engaged in mathematical work in Paris.

An unusually large number of persons have been employed in the Library this summer, cataloguing the incoming books. Many thousands of volumes have been received during the last few months, particularly for the Seminaries of Mathematics, Romance Languages, and Economics and Social Science.

Means have been provided for the enlargement of Murray Hall the building of the Philadelphian Society, which is the principal religious organization of the University. It consists now of an audience-

room and a small reading-parlor, but is not large enough to accommodate its members. Mr. L. H. Miller, '97, who for the last two years has been general secretary of the society, has been called to a position in the American College at Beirut, Syria.

THE Peace Conference at the Hague is over and President Low has returned to his university duties, having contributed considerably to the success of the American delegation in bringing about, to a remarkable degree, the ends it desired.

At commencement this year the University conferred 502 degrees, as against 394 of four years ago, a gain of nearly 30 per cent. It is to be noted that the increase, though acting along the whole line of instruction, is particularly striking in the non-professional graduate schools. This year 83 candidates received the degree of master of arts and 34 that of doctor of philosophy. Five honorary degrees were given. Gov. Roosevelt received the degree of Doctor of Laws and was the guest of the Alumni Association at the meeting in the afternoon, at which he made a striking address. Commencement this year was marked by an unusual number of class reunions, a fact which shows that the earlier sons of Columbia are forming the habit—one impossible under earlier conditions—of visiting her on her annual fete day, and renewing, on a site recently new to them, their old associations.

The summing up of the academic year just past is a very satisfactory one for the university. The undergraduates numbered 605, a gain of 98 over last year; the non-professional graduate students, 347; the professional students, 1,831. The total number of regular students was 2,812, but the 1,252 extension students, and the 371 officers of instruction and administration bring the total of "university influence"

up to 4,435, and this without counting the large secondary department of Teachers College. It is too early to prophesy the numbers of next year; but, with the summer school—which it has been now definitely decided to establish—the total "university influence" can scarcely fall much short of 5,000. The growth of Columbia has been so rapid during the last decade that even her friends have sometimes failed to realize it; and the figures will be a surprise to many who still think of her as a small "city college."

The sad news has just been received of the death of Dr. Harrington, of the Department of Zoölogy, of typhoid fever, in the zoölogical expedition sent this year to Africa. Mr. Harrington was a young scientist of much promise, and his life is another of the many nobly offered on the altar of research, sometimes in the indefatigable pursuit of what would seem trifling details, but which are in reality important links in the chain of modern scientific progress.

The September number of the *University Quarterly* contains an admirable article by Professor Russell, Dean of Teachers College, on "The Function of Universities in the Training of Teachers." It is in reality a strong exposition of the marked policy of Columbia in maintaining a separate professional school for teachers, on precisely the same basis as her schools of law, medicine and engineering, a policy which she is one of the first to put in practice, and which is in strong contrast with the neglect of well organized training in this important profession in many American institutions of high standing.

AMONG the changes which mark the close of the academic year, none is of more importance than the retirement of Dr. James H. Canfield from the presidency of the University, after an incumbency of four

years. Dr. Canfield came to Ohio in 1895 from the University of Nebraska, of which institution he had been chancellor, also for four years. He now withdraws, entirely at his own request, having accepted the position of librarian at Columbia University. In accepting his resignation, the Board of Trustees adopted resolutions indicating their appreciation of the zeal and loyalty with which he had served the university.

A number of assistants and fellows have withdrawn from the corps of instruction; and the following appointments have been made: Charles S. Prosser, Associate Professor of Historical Geology; Charles Bradford Morrey, Assistant Professor of Anatomy and Physiology; William Edwards Henderson, Assistant Professor of Analytical Chemistry; John B. Sanborn, Assistant in American History; Silas Martin, Assistant in Drawing; Donald A. Kohr, Fellow and Laboratory Assistant in Chemistry; John Wesley Young, Fellow and Assistant in Mathematics. Charles Walter Mesloh has been promoted to an associate professorship of the Germanic languages, and Arthur Winfred Hodgman to an associate professorship of the classic languages. Mr. Harry Waldo Kuhn, a graduate of the university in 1897, and holder of the Oliver scholarship in mathematics at Cornell University last year, has been advanced to a fellowship in mathematics, also at Cornell. The Oliver scholarship for this year has again been granted to an Ohio State University man, Mr. H. L. Rietz, who takes his degree this commencement. As there are only two fellowships and one scholarship in mathematics at Cornell, open to all university graduates, these appointments certainly reflect credit on the Ohio men and their instructor, Professor R. D. Bohannon. Governor Bushnell has filled the vacancy in the Board of Trustees, occasioned by the expiration of Mr. W. I. Chamberlain's

term of office, by the appointment of Hon. O. T. Corson. As this gentleman has served the state most acceptably for two terms as Commissioner of Common Schools, the appointment is regarded with favor as a distinct step toward strengthening the relations between the university and the other schools of Ohio. At the June meeting of the Board of Trustees, Dr. William Oxley Thompson, President of Miami University, was unanimously elected President of Ohio State University, to succeed President Canfield, whose retirement is noted above. Dr. Thompson is about forty-three years of age, a man of tireless energy and much executive ability, and generally popular throughout the state. His administration of the affairs of Miami has been eminently successful; it remains to be seen how he will meet the larger responsibilities connected with the presidency of the State University. Commencement exercises passed off successfully; degrees in the various colleges being conferred on a class of ninety-nine members—a number curiously coincident with that of the year.

THE leading feature of the present month has been the commencement, **Pennsylvania**, which was very largely attended and pronounced the most successful in the history of the university. The number graduated, 642, is the largest in the history of the university. The most prominent features of the exercises consisted in the efforts of the Alumni Association, in conjunction with the Provost of the University, to increase the endowment fund. The General Alumni Society has succeeded in strengthening the different local outside alumni societies. Among the material signs of growth are the Memorial Gate, presented by the class of '73; the War Memorial Tower, in memory of those who fell in the recent Spanish-American War, contributed to by the alumni; and the beginning of

the endowment of the George Allen Professorship of Greek, by the Society of the Alumni (College) of the University of Pennsylvania. The most extensive addition to the material side of the University is the recent purchase of the Foulke-Long Institute, which, with the grounds, is to be devoted to various university purposes. It is likely that upon this ground will be built the Gymnasium, the Physical Laboratory and the School of Architecture. The acquisition of this property gives the University full control of an additional block.

The honorary doctor's degrees were conferred as follows: Doctor of Science, upon Coleman Sellers, Chief Engineer of the Niagara Construction Company, and Edgar F. Smith, Professor of Chemistry in the University; Doctor of Sacred Theology, upon the Rev. Dr. Ellwood Worcester, and the Rt. Rev. Lucien Lee Kinsolving, Bishop of Brazil; Doctor of Laws, upon Judge J. B. McPherson, who has recently been elected to a professorship in the Law School.

A valuable addition has been made to the University collection, by Dr. D. G. Brinton, who has presented his rich collection of works relating to American ethnology, to be known as the "Brinton Collection." This collection represents the labor of a life time and is one of the most complete in the country. The Graduate Club, at its annual meeting elected as its president Mr. O. F. Lewis, graduate of Tuft's College, and Fellow in Germanics at the University. The Faculty Club has completed the first year of its history and is about to move into new quarters near the University. The Club has proved so successful in developing academic *esprit de corps* that it has won favor both among the Faculty and the alumni of the University. The thesis of Professor Frank Edson Perkins, of the School of Architecture, has received honorable mention at the exhibition at the annual Saloon at the Champs Elyées, Paris.

Among the recent changes in the Faculty are the resignation of Dr. C. B. Penrose, as Professor of Gynecology, and the election of Judge J. B. McPherson, to a professorship in the Law School. Dr. Emory R. Johnson, Professor of Transportation and Commerce, has been appointed Transportation expert on the Nicaragua Canal Commission, and Professor Lewis M. Haupt, who was also a member of the Commission, is a graduate of the University class of '65. Professors Wm. A. Lamberton and Marion D. Learned, have recently been elected members of the American Philosophical Society and Dr. John Marschall has received the degree of LL.D. from Pennsylvania College.

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THE twenty-third annual conferring of degrees of Johns Hopkins University took

place at the Academy of Music on June 14, and was an interesting and impressive occasion. One hundred and thirteen degrees were conferred. Of these thirty-eight were of the grade of doctor of philosophy, thirty-two were of doctor of medicine, thirty-eight of bachelor of arts and five of proficients in electricity. The several groups of candidates were presented by Dean Griffin, Dean Welsh and Professor Remsen, and the degrees were conferred by President Gilman.

A brief address was made by Mr. Herbert Putnam, Librarian of Congress, upon the relations of the Congressional Library to American universities. Mr. Putnam's tone was decided and his utterances were precisely those which scholars and students could reasonably anticipate.

The following announcements of appointment and promotion for the ensuing year were made:

In the Philosophical Faculty: Jacob H. Hollander, Ph.D., now Associate, to be Associate Professor of Finance. Christopher Johnston, Ph.D., now Associate, to

Associate Professor of Oriental History and Archaeology. C. Carroll Marden, Ph.D., now Associate, to be Associate Professor of Romance Languages. Edward B. Mathews, Ph.D., now Associate, to be Associate Professor of Mineralogy. Westel W. Willoughby, Ph.D., now Associate, to be Associate Professor of Political Science.

Edward C. Armstrong, Ph.D., now Instructor, to be Associate in Romance Languages. N. Ernest Dorsey, Ph.D., now Assistant, to be Associate in Physics. Duncan S. Johnson, Ph.D., now Assistant, to be Associate in Botany. Philip Ogden, Ph.D., now Instructor, to be Associate in Romance Languages. George B. Shattuck, Ph.D., now Instructor, to be Associate in Physiographic Geology.

Murray P. Brush, Ph.D., to be Instructor in Romance Languages. William B. Huff, A.M., to be Assistant in Physics. William M. Macdermott; to be Instructor in Physical Culture. Morris C. Sutphen, Ph.D., to be Instructor in Latin. Henry S. West, Ph.D., to be assistant in English.

James M. Callahan, Ph.D., to be Albert Shaw Lecturer on American Diplomatic History, in 1899-1900. L. A. Bauer, Ph.D., to be Lecturer in Terrestrial Magnetism.

In the Medical Faculty J. Whitridge Williams, M.D., now Associate Professor, to be Professor of Obstetrics. Lewellyn F. Barker, M.B., now Associate Professor of Anatomy, to be Associate Professor of Pathology. Ross G. Harrison, Ph.D., now Associate to be Associate Professor of Anatomy. Charles R. Bardeen, M.D., now Assistant, to be Associate in Anatomy. Harvey W. Cushing, M.D., now Assistant, to be Associate in Surgery. George W. Dobbin, M.D., now Assistant, to be Associate in Obstetrics. Walter Jones, Ph.D., now Assistant, to be Associate in Physiological Chemistry and Toxicology.

P. M. Dawson, M.D., to be Assistant in Physiology. Eugene L. Opie, M.D., to be Second Assistant in Pathology. Mervin T. Sudler, Ph.D., to be Assistant in Anatomy.

The John Marshall Prize for 1899 was awarded to Jacob H. Hollander, Ph.D., Associate Professor of finance, for his publication entitled "The Financial History of Baltimore."

We quote the following passage from the Boston *Transcript* which gives an account of the proposed programme for the inauguration of President Hadley at Yale: "In the presence of the most notable assemblage which has gathered at Yale in many years, Arthur Twining Hadley will be inaugurated president of the university on the afternoon of Wednesday, Oct. 18. City, state, nation, sister universities, colleges, and preparatory schools from every part of the country will be represented. The guests to whom special invitations will probably be sent include Yale's representatives on the Supreme Court bench, Judges Brown, Brewer and Harlan; President McKinley, on whom Yale conferred, as the first university to thus honor him, the degree of LL.D.; Attorney General Griggs, given the degree of LL.D. by Yale last June; other representatives of the Federal government who are Yale graduates; Governor Lounsbury, his staff and administrative associates; Mayor Driscoll and other representatives of the city government, presidents of most American universities, colleges and preparatory schools, members of the Yale corporation, faculty, and invited guests. These are the persons who will be admitted to Battell Chapel to witness the formal inauguration of Professor Hadley as president.

The procession of invited guests will form, in accordance with the time honored custom, on the campus at two o'clock.

The formation will be similar to the usual Commencement Day procession at Yale. It will march around the campus to Battell Chapel, where the formal inaugural exercises will take place. At three o'clock the exercises in the chapel will begin, after an elaborate musical programme under the direction of Professor Horatio W. Parker, head of the department of music in the University.

In all former Yale inaugurations the Latin salutatory has formed a prominent part of the exercises. Yale, true to the record of its new president in discarding many of the traditional college customs, will hold her coming inaugural without a Latin address. It has also previously been the custom for an undergraduate to deliver an address of welcome to the incoming president, as a representative of the students of the University, but it has been finally decided that this feature shall be omitted. The principal feature of the exercises will be the address of President Hadley, upon which he is now at work. In place of the Latin salutation and the address by an undergraduate, it has been decided that there shall be an address by a member of the faculty, welcoming the new President. The faculty member to formally greet President Hadley is not yet chosen. Prayer will be offered by the outgoing president, Dr. Timothy Dwight.

After the exercises in Battell Chapel, the new president will give a reception in the main room of the Yale Art School to the graduates, faculty, and specially invited guests. This will begin at five o'clock and continue till seven o'clock in the evening. Beginning at eight o'clock in the evening, the undergraduate features of the inauguration will take place. The College campus will be illuminated, and a torchlight procession of Yale's undergraduate sons will march through the principal streets of the city. This is expected to number nearly all the students of the University, about 2,500. In the evening,

the distinguished guests of the University who came to attend the inauguration exercises, will be in attendance at banquets and receptions given in their honor by professors or other residents of New Haven. The undergraduate procession will march to the residences where these receptions are being held, and many of the guests may be called forth by young Yale for informal remarks to a torchlight procession. It was originally planned to have the undergraduates allowed a much larger share in the inaugural, but the fall term begins at the University only three weeks before the inauguration, and this, it was thought, would allow the undergraduates too little time to prepare for a formal share in the exercises."

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THOUGH it had been evident for some time that President Johnston's health was failing, yet his death on Tulane.

July 16th was a great shock to those connected with the University and to his many friends and admirers in every quarter. Tulane University, as it stands to-day, is essentially his work, the development of his plans as made when he was, by the unanimous voice of the Board of Administrators, called in 1883 to organize and preside over the new institution. He had to encounter difficulties in this work that were peculiar to the place and the occasion; but his extraordinary knowledge of men, his deep study of the problems of higher education, his indomitable courage and will-power, and his lofty moral character were so blended as to give him an ability in organization and administration that is rare indeed. His successor will find an institution with a well-defined policy shaped to suit its peculiar mission, and he may continue to develop and enlarge it without revolutionary changes in the plans of his distinguished predecessor. President Johnston was a graduate of Yale, and came to his great work with the maturity gained by a



most varied experience, the result of his contact with men in many different relations, of his studious habit and literary pursuits, and of his professional work as lawyer, professor in Washington and Lee University, and President of the Louisiana State University.

Tulane has suffered another severe loss, since the close of the session, in the death of Judge T. J. Semmes, Professor of Constitutional Law, Common Law and Equity. Judge Semmes enjoyed a high reputation throughout the South, not only as a lecturer before his classes, but as a great jurist in practice. He was a graduate of Georgetown College and of the Harvard Law School. His successor will be Mr. E. D. Saunders, a man of wide culture, a leading lawyer at the New Orleans bar, and the author of a noted work on Taxation in Louisiana, and editor of the Code of Louisiana. He is a graduate of the Law School of the University of Virginia. Judge T. C. W. Ellis has been made Professor of Admiralty and International Law to take the place of the lamented Judge H. C. Miller, deceased, during the past session. Miss Alice B. Sandidge, A.M., of Tulane, '98, has been appointed Instructor in Greek in Newcomb College; G. S. Bel, M.D., Lecturer on Physical Diagnosis, and T. F. Richardson, M.D., Assistant Demonstrator of Operative Surgery.

The session of 1898-99 closed June 15. There were in attendance, in all departments, 890 students. In the Graduate Department, there were 23; in the department for teachers, there were 75. When everything is considered, the session has been an encouraging one. At the beginning the outlook was not favorable on account of the fever scare and the consequent depression. With the good health now prevailing in the city, and the prospect of much improved sanitary conditions resulting from the great drainage system now well advanced

in construction and with a complete system of sewers not far off, the greatest obstacle to the rapid development of the university will be soon removed.

The board of administrators is making an earnest effort to extend and strengthen the relations of the university with secondary schools. Two free scholarships have been offered to all schools of proper grade in Louisiana and the neighboring states, the scholarships to be awarded to the most meritorious pupils. During the past session, the university has given free instruction to 196 students.

During the coming session a series of lectures open to the public, will be given by professors of the university in Gibson Hall. The lectures will be delivered one every fortnight, from the first week in November to the end of April.

The Carnot medal for this year was won by F. L. Kohlman, of New Orleans. This medal is one of those offered each year to certain American Universities, Princeton, University of California and Tulane, by Baron de Coubertin for the best debate upon some question bearing upon French politics of the day. The question is announced one year in advance, no easy matter, since a burning question of to-day in France may easily be ancient history a year hence.

THE annual catalogue for 1898-1899, recently issued in the series of University **Wisconsin.** Bulletins, registers a steady development in all fields of University work. The enrollment of students for the past year was 1,923, and the Faculty numbered one hundred and twenty-eight. From the descriptive statements of the various departments it appears that three hundred and thirty-five different courses, most of them extending throughout the year, are now given in the College of Letters and Science, and one hundred and twenty-six in the College of Engineering, while the oppor-

tunities in law, agriculture and pharmacy are proportionately extensive. The new courses announced for the coming year cover such topics as mental development, educational classics, insurance, systematic jurisprudence, Europe in the fourteenth and fifteenth centuries, the economic and social history of the United States since 1789, the Greek orators, English literature in the eighteenth century, oratorical themes, physical geology of the United States, entomology, cytology, mycology and botanical methods. New seminary topics are also announced in economics and political science, in European and American history, and in the ancient and modern languages; and additional research courses are offered in organic and physical chemistry, crystallography, lake life, botany and bacteriology.

Four of the faculty have leave of absence for the year 1899-1900. They are Professor Freeman, of the Department of English Literature, who will spend the year in European travel; Assistant Professors Sober, of the Department of Latin, and Skinner, of the Department of Mathematics, who will devote their time to advanced study, and Dr. Jones, Instructor in Statistics, who will be absent on duties connected with the American exhibit at the Paris Exposition. Professor Haskins, of the Department of History, will spend the second semester at Harvard, where he is to lecture in the absence of Professors Emerton and Gross.

At its meeting in June the Board of Regents advanced Dr. William H. Hobbs to a professorship of mineralogy and petrology, and Dr. Ernst Voss to an associate professorship of German. Four instructors were at the same time promoted to assistant professorships: Messrs. R. W. Wood, in physics; Paul S. Reinsch, in political science; B. H. Meyer, in economics; and J. F. A. Pyre, in English literature. Captain Charles A. Curtis of the United States Army, who has had tem-

porary charge of the university battalion since the departure of Lieutenant Brooks, was appointed Professor of Military Science and Tactics. In addition to the usual changes in the staff of student assistants, several new instructors were elected. Dr. John C. Shedd, late fellow in physics, becomes instructor in that department. Mr. Charles H. Shannon, another recent Wisconsin doctor, is to act as Instructor in Latin during Professor Sober's absence, and Mr. W. D. Tallman, of the class of 1896, temporarily replaces Professor Skinner in the department of mathematics. Dr. T. K. Urdahl takes Dr. Jones's courses in economics and statistics, and Mr. B. H. Timberlake, Instructor in Botany in the University of Michigan, comes to a similar position at Wisconsin. Miss Louise Kellogg, of the class of 1897, returns from a travelling fellowship to an assistant's position in history. The department of philosophy is strengthened by the addition of Mr. W. H. Sheldon, of Harvard, as Instructor in Philosophy and Psychology, as well as by the return of Professor Jastrow from a year's residence in Europe.

The six weeks' summer session of the university, which closed August 11, was noticeably successful. The number of students registered was more than double the usual attendance in the old summer school, and all were engaged in regular university work. The change was particularly marked in the advanced courses, more than thirty per cent. of those enrolled being college or university graduates. Besides the resident members of the faculty, seven professors and instructors from other institutions gave instruction, among them Dr. William Cunningham, of Trinity College, Cambridge, whose courses on the Industrial Revolution, and English antiquities were much appreciated.

A member of the class of 1899 has given \$500 for the coming year, to be awarded as prizes for excellence in the undergrad-

uate work in Greek. Dr. W. B. Cairns, of the Department of English, whose textbook on *The Forms of Discourse* is well known, has just issued an Introduction to Rhetoric for high schools through Messrs. Ginn and Company. Another recent class book is the *Laboratory Manual of General Chemistry* which Assistant Professor Hill-mer has published with The Macmillan Company. The first election and initiation of undergraduates into the Wisconsin chapter of Phi Beta Kappa took place in June. No formal oration was delivered, but Professor Paul Shorey of the University of Chicago gave an admirable brief address.

THE number of students, male and female, in attendance at the University of Toronto. Toronto having increased so greatly in the last few years the question of college residences has become one of special interest. When the magnificent main building of University College—which from first to last has cost nearly one million dollars—was erected in 1859, one of the wings was to be fitted up for the accommodation of about forty men in residence, the authorities at that time not having anticipated the large attendance at college which later years have seen realized. It is now long since such provisions for boarding and lodging students have been felt to be ridiculously inadequate and the little residence has not been of late fully occupied, having ceased to become an imposing center of college life. It has also not paid expenses and the College council, at one of its recent meetings, recommended to the Government that it be closed. The use to which this part of the great building will be put is not yet absolutely decided upon. Meanwhile some of the older graduates are hoping that a meeting of convocation may exert sufficient influence to lead to a revivification of the old institution. It is felt, however, on all hands that the University should be pro-

vided with at least two more residences worthy of the name and also with a residence for women.

An important movement has been made towards the greater efficiency of the Medical Faculty of the University. Until the last academic year the curriculum of study required attendance during four winter sessions of six months each, and also one summer session. In 1898-9 the requirements were increased to four sessions of eight months each, the brief summer sessions being abolished. This course of study leads to the degree of M.B. which is quite independent of the license to practice medicine in cities, which only the Medical Council of the Province has authority to grant.

This body now demands a course of study extending over five years: and the University has arranged a fifth year of instruction and practical work to meet this exacting requirement. In other directions also the Medical Department of the University has been making marked advances. For example, through combination with the splendidly equipped Department of Biology in the Arts Faculty, the facilities for anatomical study have been brought up to an almost ideal level. In pathology we have to note the founding of a lectureship in Bacteriology, Dr. J. J. Mackenzie being the incumbent with adequate assistance and a complete equipment. Generally speaking, the development of the science in Toronto since the reestablishment of the Faculty in 1887 marks an era in medical education in Canada, and is certainly the most signal advance made since that date by the University in any department.

A. Kirschmann, Ph.D., Lecturer in Philosophy since 1894, has been appointed Professor of Philosophy and Director of the Psychological Laboratory, and several promotions have been made in other departments.

At the commencement of Toronto University, held on June 9th, there were 381

degrees conferred. The B.A.'s for the year numbered 157, 16 received the degree of M.A., 48 that of M.B., the others being divided in various proportions among those who had completed their courses in the colleges of Practical Science, Agriculture, Dentistry, Pharmacy and Music. Three gentlemen qualified in course for the degree of Doctor of Pedagogy and one for that of Doctor of Philosophy. The latter instance marks an epoch in the history of the University; the post-graduate course leading to this distinction was taken by F. H. Scott, B.A., of '97, in the Department of Physiology.

The honorary degree of LL.D. was conferred upon three distinguished gentlemen, Principal George M. Grant, of Queen's University, Kingston, Ont., George M. Dawson, the geologist, of Montreal, and John C. Glashan, Inspector of Schools of the city of Ottawa, who is one of the most original and learned mathematicians of Canada.

Among the changes made lately by the Senate, the most notable is the reduction of the amount of text-book work required for the entrance examination in the languages as well as in English and Arithmetic. The high schools were found to be overloaded by the mere amount of work to be gone over and, as the standard for matriculation is still maintained, the effect is certain to be salutary. It will be understood that in Ontario the course of instruction in all the high schools and collegiate institutes is regulated by the requirements for entrance to the University.

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SINCE the advent of the new principal, Dr. Peterson, some four years ago, the curriculum of the arts faculty McGill has been recast in harmony with modern views and educational advances. While minor changes were thought sufficient in the other faculties, those in arts were of a somewhat radical kind, mostly based on the principle of allowing

the student more choice in the subjects he followed during the last two years of his course, leading to greater specialization.

Radical changes have been made in regard to the degrees given by the university in harmony with the modification of the course of study, and to these reference will now be made.

The medical degree remains as before, M.D., C.M. (Doctor of Medicine and Master of Surgery), and the degree for students of veterinary medicine is D. V. S. (Doctor of Veterinary Science). In the faculty of law as before the degrees of B.C.L. and D.C.L., are given, but under altered conditions so far as the latter is concerned. In the Faculty of Applied Science, the former title of Bachelor of Applied Sciences (B.app.S.) was exchanged this year for Bachelor of Sciences (B.S.). The adoption of this degree for the first time in McGill was preceded by a great deal of discussion in the corporation, for it was contended that it should not be attainable alone by students of the Faculty of Applied Science.

Having once gone this far in change, the whole subject of degrees came under discussion and "degrees in course" were abolished. To illustrate the nature of the change by a single illustration: prior to this year the LL.D. could be obtained by the holder of an M.A. degree by conforming to certain regulations, the chief of which were that he should be an M.A. of 12 years' standing, should submit a list of books treating of some one branch of literature or science in which he was prepared to submit to examination and in which he should be examined unless otherwise ordered by the Faculty, and, above all, he was to submit an original thesis on some branch of science or literature. This degree is now to be given only as an honorary one, though it may still be conferred on graduates who obtained their degree prior to May 1, 1899, and also to undergraduates in Arts who,

being so registered at that date shall there-  
after proceed to graduation, and under  
conditions practically identical with those  
previously in force. It is not likely that  
many will avail themselves of this pro-  
vision in view of the possibility of obtain-  
ing other or more modern degrees.

One of the reasons why so much opposi-  
tion was raised by a certain proportion of  
the members of corporation to the new  
degree of B.S. was its very vagueness. It  
seemed to them that to give to a student  
in applied science following a course in  
Engineering the same degree as to a  
student in the Arts faculty pursuing a  
course in natural science, say chiefly  
geology, was unwise, because of the con-  
fusion it might create in the public mind.  
On the other hand it was represented that  
the degree of B.app.S. was one all but  
unknown in the scientific world, so that its  
holders were placed at a great disadvan-  
tage, while the degree of B.S. was in  
other universities made to cover like  
widely different courses as indeed does the  
B.A. It was finally agreed that the  
names of holders of the B.S. degree in  
Arts should be printed in the Calendar  
separate from those in applied science.  
There was also considerable opposition to  
giving any degree of the University with-  
out evidence of a knowledge of at least one  
of the classical languages. To obtain the  
medical degree it is still necessary to take  
Latin at the matriculation examination.

For a few years past regulations have  
been in force by which a candidate may  
take the double degree of B.A. and M.D.  
by a six years' course, and this will hence-  
forth be possible also as regards the B.S.,  
the object being to encourage the candi-  
date for a medical degree to undergo a  
more liberal training. However, while the  
experiment thus far has proved successful  
with a few exceptionally able or studious  
men it has been thought by some to be not  
free from serious objections. Many of the  
students themselves, when speaking can-

didly of the attempt to take two courses  
together, condemn it. It is highly prob-  
able that the end in view will ere long be  
attained in a more satisfactory way.

The changes in regulations for degrees  
may be illustrated by the M.A., the re-  
quirements for which are now as follows:  
Bachelor of Arts of at least one year's  
standing who (a) shall have taken for one  
year a graduate course of study in Arts in  
the University previously submitted to and  
approved by the Faculty, and (b) shall  
have passed an examination at the end of  
the course, and (c) shall have presented,  
if required, a satisfactory thesis, shall be  
entitled to the degree of Master of Arts.  
Bachelors of Arts of at least two years'  
standing who shall have presented a satis-  
factory thesis and passed a special exam-  
ination, shall be entitled to the degree of  
Master of Arts.

The M.Sc. degree may be worn by a  
Bachelor of Arts or a Bachelor of Science  
in a similar way, but he must take a  
graduate course in science in the Faculty  
of Arts. Among the higher degrees are  
D.Litt. (Doctor of Literature) and D.Sc.  
(Doctor of Science). Candidates for the  
degree of D.Sc. must be Masters of Science  
or Doctors of Medicine, who, being grad-  
uates of at least five years' standing, shall  
have distinguished themselves by special  
research and learning in the domain of  
Science. They are required to present a  
satisfactory thesis or published work.  
Analogous regulations apply to the D.Litt.

There can be no doubt that the changes  
will, on the whole, bring McGill more into  
harmony with the course of modern events  
and University tendencies on this con-  
tinent.

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PRESIDENT WALKER'S death on Jan-  
uary 5, 1897, was felt to be a deep per-  
sonal loss  
**Massachusetts Institute of Technology.** as well as  
a collegiate  
calamity by a wide circle of men who had

been connected with the Institute of Technology. A memorial meeting was held in October of that year by the corporation and faculty, to which were invited representatives of all the learned and other societies with which President Walker had been connected, as well as representative citizens of Boston and the country at large. It was also attended by the undergraduates.

On January 5, 1898, a bust designed by Daniel Chester French, Class of 1869, and erected, as the inscription says, by "the last body of undergraduates of his great presidency, the classes of 1897, 1898, 1899 and 1900," was unveiled with appropriate ceremony. The Alumni Association delayed action until the annual meeting of December 30, 1898. At this meeting, upon the recommendation of a special Committee, the following vote was passed :

"That the Executive Committee of the Alumni Association appoint a Walker Memorial Committee of nine members, which shall undertake by a subscription the collection of a Walker Memorial Gymnasium Fund, to be applied by future agreement with the corporation of the Massachusetts Institute of Technology, toward the cost of erecting and equipping a gymnasium as soon as may, in the judgment of the Corporation, be practicable."

A Walker Memorial Committee, consisting of R. H. Richards, '68 ; Thomas Hibbard, '75 ; C. M. Baker, '78 ; H. W. Tyler, '84 ; Everett Morss, '85 ; W. B. Thurber, '89 ; J. L. Batchelder, Jr., '90 ; A. F. Bennis, '93, and B. Hurd, '96, was accordingly chosen. This Committee is now acting deliberately but energetically toward the desired end.

The following quotation from a recent circular expresses their sentiment and explains their plans. "President Walker came to the Institute in 1881. He found it just beginning to recover from hard years of financial distress, having but a

single large building and but three hundred students. For more than fifteen years he gave to the Institute his best thought and energy, sparing no effort to promote its welfare. At his death there were four large buildings and nearly twelve hundred students. Nor was the expansion of the Institute merely a superficial development. On the broad foundations laid by President Rogers and his associates, President Walker built up the school in the confidence and esteem of city, state and nation. More than all this he inspired the affectionate enthusiasm of class after class of young men coming to the Institute for professional training, but, under his guidance, bound to it and to each other by the strongest personal ties. To him Institute students of those fifteen years owe a debt which they can neither measure nor repay. The Institute's service for them consisted, not merely in the imparting of information, but in the moulding of character. In this highest form of education President Walker's strong, sympathetic personality found the greatest usefulness of his life.

Poorer as any community feels itself by the death of such a citizen, yet with the loss comes the opportunity for worthy commemoration. As alumni under such obligations, we owe it not merely to the Institute or to the memory of President Walker but also to ourselves that our gratitude should have fit embodiment. With all President Walker's care for the character development of his students, his warm interest went out at once to every effort in behalf of their physical well-being. In eager interest in competitive athletics he renewed his own youth ; in gymnastic exercises and out-of door sports he recognized an indispensable form of education for all. The realization of his ideals of physical education for Institute students was denied him. The rapid expansion of the school, calling always for larger space, produced recurring deficits

in the Institute treasury, requiring his time and strength for solicitation of needed funds. It is permitted to us now to join in the fulfilment of one of President Walker's ideals, to which, had his life been spared, we may be sure he would have applied every energy. The Institute has long had a gymnasium and for several years there has been a competent director, under whose care the kind and amount of work have greatly improved. Other more urgent demands upon our overburdened treasury have made it impossible to provide a suitable building, and radical improvements have been precluded by the fact that the land occupied does not belong to the school. It is probable that the land will soon be sold.

The Institute's need is our opportunity. In spite of the large benefactions of recent years, the cost of a modern gymnasium with land, equipment and maintenance, would exceed the Institute's available resources, and if assumed by the Corporation would mean the sacrifice of other vital interests. We must enrich the Institute and broaden its educational work by making possible the construction of a gymnasium, adequate to the present and prospective physical needs of its students, worthy of its reputation in other directions, and worthy of President Walker, whom it is to commemorate.

In accordance with the vote of the Alumni Association, we therefore undertake the collection of a fund of \$100,000, asking that the amounts subscribed be as large as possible: first, because the subscription commemorates President Walker; second, because it is a recognition of our obligations to the Institute for the training to which we are indebted for our success in life."

A wide reaching scheme of class co-operation has been devised. Each class through its associate member of the committee appoints canvassers for the purpose of active canvass so that each shall

have direct charge of about twenty men. The appointment of these canvassers is determined by geographical considerations by the course connections of its members, and by public spirit and adaptability to the work. A list of class members is divided and assigned to these active canvassers who are directly responsible to their own associate member, who in turn is responsible to the particular member of the central committee having the class in charge. A card catalogue list of each class has been prepared so that the work may be followed out systematically and carefully.

The greatest enthusiasm is being shown by the men and it is expected that the plan will be thoroughly successful.

Already considerable contributions have been made to the committee. The "Walker Club" on April 26th presented the play "The Private Secretary" in Copley Hall before a large audience of enthusiastic friends of the institute and will contribute the proceeds to the fund.

Much is expected from institute men who have been exceptionally successful, but more from the thousands of young men who came into direct contact with President Walker and feel deeply their obligation to him.

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The institute year closed with graduation exercises on June 6, succeeding the usual two weeks' period of examinations. The number of graduates is 167, distributed as follows among the courses: Civil Engineering, 30; Mechanical Engineering, 37; Mining Engineering and Metallurgy, 7; Architecture, 22; Chemistry, 21; Electrical Engineering, 30; Biology, 2; Physics, 2; General Studies, 1; Chemical Engineering, 9; Sanitary Engineering, 1; Naval Architecture, 8. Of these three graduated from two courses.

There are also three successful candidates for the degree of Master of Science. In connection with the annual examina-

tions it may be noted that first year students have now as a rule but three examinations, being marked in the rest of their studies on term work, in the second year the number varies for different courses from three to seven, the average being about four; in the third and fourth years still greater inequalities occur, the average being five to six. It will be remembered that in many cases these numbers are subject to increase by reason of condition examinations on first term work.

The Annual meeting of the Faculty was held on Monday, May 1. The election of officers resulted in the reelection of Professor Tyler as Secretary and in a number of new committee appointments.

After the adjustment of certain legal difficulties, the Institute has finally received \$340,000, under the will of the late Edward Austin. The original bequest of \$400,000 is reduced by \$60,000 the amount of the United States legacy tax under the new law.

### Notes and Announcements.\*

L. C. PAGE & Co., Boston, have in press *Our National Music and its Sources*, by Louis E. Elson.

A. C. McCLURG & Co., Chicago, will issue *The Honey Makers*, a work for apiculturists and others, by Miss Morley.

*Twenty Famous Naval Battles: Salamis to Santiago*, by Professor E. K. Rawson, is in the press of T. Y. Crowell & Co.

*On General Thomas's Staff*, a story for the young, by Byron A. Dunn, is in the press of A. C. McClurg & Co., Chicago.

HENRY HOLT & Co. will shortly issue *Moulds, Mildews and Mushrooms*, by Professor Lucien Marcus Underwood, of Columbia University.

THE second volume of President Sharpless's *History of Quaker Government in Pennsylvania*, is about to be produced by T. S. Leach & Co., Philadelphia. It will bear the title of *The Quakers in the Revolution*.

\* Publishers are requested to note that all literary announcements should be in the editor's hands not later than the 16th of the month. The subscription list of BOOK REVIEWS is one of 10,000 names. It circulates chiefly among the educational and professional classes and members of the book trade.

STILL another edition of *Richard Carvel* is announced. It is now running through its hundredth thousand and the new edition will be off the press next week. It is now being called for at the rate of about two thousand copies each day.

GINN & Co. have in preparation *An Introduction to the Methods and Materials of Literary Criticism*, by Profs. Charles Mills Gayley and Fred Newton Scott, of which two volumes will be ready next fall; and *Ways of Wood Folk*, by William J. Long.

THE Century Co.'s Thumb-Nail Series will be continued with *Rip Van Winkle and the Legend of Sleepy Hollow*, with an introduction by Joseph Jefferson; and the *Meditations of Marcus Aurelius*, newly translated by Benjamin E. Smith. They announce, too, *Maximilian in Mexico*, by Mrs. Sarah Yorke Stevenson.

PRINCE KROPOTKIN'S *Reminiscences of My Life; The American in Holland*, by the Rev. W. E. Griffis; *A Dividend to Labor*, by the Rev. N. P. Gilman; *How Much is Left of the Old Doctrines?* by the Rev. Washington Gladden; and *The Little Fig-Tree Stories*, by Mary Hallock Foote, are in the press of Houghton, Mifflin & Co.

FALL announcements of the Bowen-



Merrill Co., Indianapolis, are, *The Puritan Republic*, by Judge Daniel Wait Howe; *American Fungi*, by Capt. Charles McIlvaine, profusely illustrated, partly in color; *Book Lover's Verse*, edited by Howard S. Ruddy; and a reprint of the late Richard Malcolm Johnston's *Essays on literary and social topics*, with the addition of a second series.

*The Study of History in Schools*, being the report made to the American Historical Association upon that subject by the Committee of Seven appointed in 1896, has just been published in a volume by The Macmillan Co. The importance of the work is sufficiently guaranteed by the names attached to it. They include Professors A. C. McLaughlin, H. B. Adams, A. B. Hart, and H. Morse Stephens.

IN BIRD-LORE (The Macmillan Co.) for August, Richard Kearton, the English naturalist-photographer, tells how he has secured some of his remarkable photographs of wild birds and animals in nature; Bradford Torrey writes of the "booming" of the bittern; the leading professional ornithologists of this country sign a circular letter giving hints to young bird students, and there are also other interesting articles and numerous illustrations.

A VALUABLE handbook, descriptive of the New York Metropolitan Museum of Art, and the treasures contained therein, is now in press, and will soon be issued under the title of *The Treasures of the Metropolitan Museum of Art of New York*. The book will be profusely illustrated by full page half-tone pictures, many of which are of subjects never before reproduced, from photographs taken by the official photographer of the Museum. The text is written by Arthur Hoeber. R. H. Russell is the publisher.

THE CENTURY COMPANY will issue this autumn: A new Brownie book by Palmer Cox entitled, *The Brownies Abroad*; *The Dozen from Lakerim*, a story of young athletes, by Rupert Hughes; *Quicksilver Sue*, by Mrs. Laura E. Richards, the author of *Captain January*; *The Story of Betty*, by Carolyn Wells, with illustrations by Reginald Burt, and *The St. Nicholas Christmas Book*, being a selection of the most striking stories, sketches, poems, and

pictures that have appeared in the pages of *St. Nicholas Magazine* in recent years.

*The Letters of Robert Louis Stevenson*, edited by Sidney Colvin, which have been running as a serial in *Scribner's Magazine*, will be presented in two volumes in September by Charles Scribner's Sons. The illustrations and drawings are by E. C. Peixotto and Jules Guerin. Mr. Colvin has so arranged the letters and interpolated them with bits of description that an almost complete biography may be said to have been formed. Among the illustrations will be the fac-similes of letters, autographs, etc., from various rare sources, which will add much to the richness of the work.

THE SCRIBNERS will publish Robert Louis Stevenson's *Letters*, edited by Sidney Colvin; *Letters of Sidney Lanier*; a new volume of *American Lands and Letters*, by Donald G. Mitchell; *Search Light Letters*, by Judge Grant; *Fisherman's Luck and Other Uncertain Things*, by the Rev. Henry Van Dyke; *The Authority of Criticism and Other Essays*, by Professor W. P. Trent; *Anglo-Saxons and Others*, essay, by Miss Aline Gorren; *Nooks and Corners of Old New York*, illustrated by Charles Hemstreet; *Literary Landmarks of Paris* by Benjamin Ellis Martin and Charlotte Martin, illustrated; and *Reminiscences*, by Mrs. John Drew.

DOUBLEDAY & MCCLURE Co.'s fall list of publications includes a translation, by R. C. Long, of Jean de Bloch's *The Future of War*, to which is accredited the idea of the Peace Congress at The Hague; *Miscellanies*, by the late Henry George, and his life by his son and namesake; *Nancy Hanks*, the story of Abraham Lincoln's mother, by Caroline Hanks Hitchcock, and a *Life of Lincoln* by Ida M. Tarbell; *Heroes of our Early Wars*, by the Rev. Cyrus Townsend Brady; *The Boys' Book of Invention*, by Ray S. Baker; *Tales of the Telegraph*, by Jasper Ewing Brady; *Nature's Garden*, an aid to our knowledge of wild flowers, by Neltje Blanchan; *Sketches in Egypt*, by Charles Dana Gibson; and a Kipling Kalendar for 1900. In connection with J. M. Dent & Co., this firm will undertake a *Temple Edition* of Dickens in forty volumes—good news to all who know the meaning of this trademark.

*The Choir Invisible* has been dramatized by Miss Frances Hastings. Her work has received the approval of Mr. James Lane Allen, and the play will be produced in October by The Henry Jewett Dramatic Company in New York. The management of the undertaking is in the hands of Mr. Clarence Fleming, who for so many years directed the tours of Rosina Vokes and subsequently has been associated with Mr. John Hare and Mr. Beer-bohm Tree and others. Just how the story has been dramatized has not been divulged by those who have attended the rehearsals, but it is said that the dramatization is remarkably well done, as indeed it must have been to receive the cordial approval which the author has given it.

STILL another book published by The Macmillan Company is being dramatized this fall. *The Children of the Ghetto* will appear as a play in November. Mr. Zangwill is himself now in New York superintending its production with his managers, Messrs. Liebler & Co. This play is expected to prove a great attraction. In America we are accustomed to think that we know something about Hebrew life in the dense quarters of our larger cities, but the European Hebrew is not such an exotic as he is in this country, and the coloring of the scenes which will appear on the stage is said to promise some very striking features. Mr. Zangwill, bye-the-bye, is also correcting the proofs of his new novel *They that Walk in Darkness* which deals with some of the darker tragedies of the Ghetto.

AN International Congress of Physics, to be held during the Paris Exposition next year, is being organized by a Committee of the Société française de Physique. The congress will commence on August 6, 1900, and will last a week. Though a number of special congresses are being arranged, it is thought that a congress having for its object the discussion of fundamental questions of physical science will be of interest to all physicists. Among the subjects to be dealt with in reports and discussions are the definition of certain units, such as pressure, scale of hardness, quantity of heat, photometric values, constants of saccharimetry, spectrum scale, and electrical units not yet defined; bibliography of physics; and national labora-

tories. There will also be visits to exhibits of scientific interest in the Exposition, to laboratories and to manufactories; and conferences on some new subjects, to be announced later, will be arranged. The president of the organizing committee is Professor Cornu: vice-president, M. Cailletet; and secretaries, M. C. E. Guillaume (au Pavillon de Breteuil, Sèvres, Seine-et-Oise) and M. Lucein Poincaré (105 bis boulevard Raspail, Paris), the former being the secretary for foreign members, and the latter for France.

MR. M. A. DE WOLFE HOWE is the editor of a peculiarly attractive new series of little books called *The Beacon Biographies of Eminent Americans*. *Daniel Webster*, *David Farragut*, *Robert Lee*, *James Russell Lowell*, and *Phillips Brooks* are the subjects of the five volumes which have already appeared. Mr. Norman Hapgood undertakes the biography of Webster, Mr. James Barnes that of Farragut, Dean Trent that of Lee, Professor Edward Everett Hale, Jr., that of Lowell, and the editor that of Phillips Brooks. The brief compass necessitates a particularly brief treatment; but this seems to have acted as a spur to a certain terseness and brilliancy of style, specially observable in the Brooks biography. In the Lowell we gladly note that Professor Hale has his father's rare faculty of daring to be natural, and of taking the reader at once into his confidence. The editor has been happy in the selection of biographers, and it is the good fortune of summer readers that Messrs. Small, Maynard & Co. (Boston) are publishing this series at this season. The volumes are just the thing for pleasant pocket companions. They do more than languidly interest; they interest vividly; and their instruction is surprisingly comprehensive. Specially commendable features are the chronological records prefacing the text and the bibliographical list at the end. The frontispiece portraits, too, are noteworthy; it seems as if in each case the most satisfactory among many portraits had been chosen.—*Outlook*.

SPON & CHAMBERLAIN announce the following new books: *Telephones, their Construction and Fitting*, Allsops, new edition; *Supplement to Energy and Heat*, Rogers; *Molesworth Pocket-book of Useful Formu-*

*las and Memoranda for Engineers*, 24th edition; *Molesworth and Hurst, the Pocket book of Pocket books*, new edition; *The Slide Valve Simply Explained; Portland Cement, Its Manufacture, Testing and Use*, Butler; *Verbal Questions and Answers for Marine Engineers*, Leask, new edition; *Reed's Marine Boilers by Tuxley*, new edition; *Rowson's Iron Merchants' Tables and Memoranda, Weights and Measures; Estate Fences, their Choice, Construction and Cost*, Vernon; *Metrical Tables*, Molesworth, new edition; *Metal Plate Work, Its Patterns and their Geometry*, Millis, new edition; *Entropy Diagram, Its Application and Use*, Boulvin; *Pumbing and Sanitation*, by Dye and Davies. This large work which has been published in parts has just been completed and can now be had in two large 4to volumes bound in half morocco. The same firm announces the following books in the press: *The Chemistry of Fire and Fire Prevention*, Ingle; *Bayley's Chemists' Pocket book*, new edition; *Text-book on the Science of Brewing*, Moritz and Morris, new edition; *A Text-book on Tanning*, Proctor; *Gas and Petroleum Engines*, Robinson; *Casting and Foundry*, Spretson; *Dynamo-Electric Machinery*, Thompson, new edition; *Poly-phase Electric Currents and Alternate Current Motors*, Thompson, new edition; *Practical Geometry*, Clarke.

HOUGHTON, MIFFLIN & Co.'s fall announcements include three additions to the "American Statesmen" series, viz., *Salmon P. Chase*, by Professor Albert Bushnell Hart; *Charles Sumner*, by Moorfield Storey; and *Charles Francis Adams*, by his son and namesake. Also a *Life of Bishop Latimer*, by the Rev. A. J. Carlyle; *Horace Bushnell*, by the Rev. T. T. Munger; *Letters and Recollections of John Murray Forbes*, edited in two volumes by his daughter, Mrs. Sarah F. Hughes; *Letters and Passages from Letters of Ralph Waldo Emerson to a Friend, 1838-1853*, edited by Charles Eliot Norton; *Reminiscences*, by Julia Ward Howe, together with *Is Polite Society Polite? and Other Essays*, by the same author; *Contemporaries*, by Thomas Wentworth Higginson; *Life of Rear-Admiral Charles Henry Davis*, by his son Capt. Charles H. Davis, U. S. N.; *The American in Holland*, by the Rev. Elliot Griffis; *The Dutch and*

*Other Quaker Colonies in America*, by John Fiske, together with *A Century of Science, and Other Essays*, by the same author; *The Narragansett Friends' Meeting in the Eighteenth Century*, by Caroline Hazard; *The End of an Era*—namely, that of slavery in Virginia—by John S. Wise; *The Prose of Edward Rowland Sill*, essays by a poet; *Sonnets and Madrigals of Michelangelo Buonarroti*, rendered into English verse by William Wells Newell, with Italian text and notes; *Sonnets*, from Bion, Moschus, and Bacchylides, by Lloyd Mifflin; *Two Tragedies of Seneca*, translated by Ella Isabell Harris, *An American Anthology*, by Edmund Clarence Stedman; *The Martyr's Idyl, and Shorter Poems*, by Louise Imogen Guiney; *Beyond the Hills of Dream*, poems by W. Wilfred Campbell; *Animal and Plant Lore*, edited by Fanny D. Bergen; *The Book of Legends*, gathered by Horace E. Scudder; *The King's Jester, and Other Short Plays for Small Stages*, by Caro Atherton Dugan; *Plantation Pageants*, by Joel Chandler Harris; and the *A. L. A. Index to Portraits*, edited in two volumes by William Coolidge Lane.

ENCOURAGED by the success of the "Temple Shakespeare" in single plays, which has reached the phenomenal aggregate sale of one million volumes, The Macmillan Company have—in response to frequent requests—decided to issue it again in a form more suitable for the library and in a larger type, to be completed in twelve octavo volumes.

This new form will give them an opportunity of carrying out a long desired wish to illustrate the notes and illuminate the obsolete allusions in the text by illustrations from old and contemporary documents and various other antiquarian sources. It will be remembered that a large store of such valuable illustrations to the text were accumulated by Halliwell Philips and others, and the publishers also hope to make further research and so add to the real usefulness, as well as the embellishment of the edition. It will also give Mr. Gollancz an opportunity of fully revising the text and largely adding to his notes where condensation is not so necessary as it was in the early edition, so that he will be able to use in this edition the latest results obtained from his own and other researches.

The plan of the edition will be broadly that of the Temple Shakespeare. Each play will have its own apparatus complete in itself, the book being printed with red rubrics in order to indicate both scene and act just as in the smaller edition. All the prefaces, glossaries, and notes will still be in the condensed form, but will be enlarged sufficiently to contain the latest knowledge.

The text will be substantially that of the Cambridge edition, but the editor will introduce some few textual changes that he thinks advisable, these have been carefully noted in each case. A feature too will be that the frontispieces to the plays will be utilized to present a gallery of Shakespearean contemporary portraits of people who, in some way, came into touch with the poet, such for instance as Beaumont and Fletcher, the Earl of Leicester, his old manager Burbage, his fellow actor Allen, and Daniel, and Drayton his old friends.

The editor will also add in the twelfth volume a carefully compiled life of the poet from all the available sources, giving again the results of his own later researches and discoveries in this direction.

It is proposed to issue a large paper edition on a very limited scale. In this edition will be included some tinted photo-gravures which it is impossible to issue in the cheap edition and which will consist of contemporaries or places associated intimately with the story of Shakespeare.

We quote the following interesting note on *Richard Carvel* from *Literature* of August 18th, the italics are ours:

"It is becoming quite evident in connection with a matter discussed at some length in this column some weeks ago that of the two Mr. Winston Churchills who are successfully engaged in winning laurels these days, it is not our American Mr. Churchill who will have to modify his name in order to distinguish himself from the other. The "wearing" quality of our home-made Mr. Churchill's latest book, *Richard Carvel*, is an assurance of many comfortable things in the literary life. In the first place, the widespread liking for *Richard Carvel* is an assurance that the public taste, of which a great many good people have despaired, confounding, as we think, popularity with notoriety, it is still in excellent good health. It may seem to stray off at times in poor quest for the things which

are morbid, but underneath its ebullient semblance of weakness there lies as the solid substratum a true appreciation of that which is intrinsically good; and no sane author to-day may successfully claim as an excuse for an inferior performance that he has given the public all that its standard of taste requires of him. Again, "*Richard Carvel*" shows that it is not necessary, as so many have suggested, for an American author to seek out foreign environment for his historical themes. It has been patent apparently to all but our authors themselves that there is a wealth of material hereabouts of great historical interest, and therefore of great literary value. If the story of *Richard Carvel* is, as it seems to us to be, an indication of an awakening, on the part of our writers of fiction, of the great possibilities of the things at their own doors, its advent should be hailed with gratification.

A third satisfaction to be derived from a reading of this book lies in the conviction that first dawns upon the reader's mind, and then grows in force and positiveness as he proceeds with the story, that we have in this new writer one who has studied his art and, to an extraordinary degree, mastered it. The advance in the mastery of his craft since the publication of *The Celebrity* would alone make Mr. Churchill's newest contribution to American letters a notable achievement, and it does not strike one as mere guesswork when a reader ventures the assertion that Mr. Churchill has made good use of his hours with Thackeray. *Esmond* has not been equalled, nor is it likely to be until nature once more allows herself to fall into a prodigal mood in the matter of intellectual endowment, but one feels in reading *Richard Carvel* the influence of that wonderful story, and does not consider it too great an indulgence of the fancy to think of the new romance as a meritorious approach to the high standard of the classic. Mr. Churchill may have made some mistakes. There have been certain rumblings in Baltimore which would seem to indicate that some of his data are not wholly in accord with the facts as they are known to historical societies in that cultivated region. Nevertheless, apart from one or two minor details to which objection has been made, judging the work as a whole, it is a production of which not only the author, but his countrymen, have every reason to be proud,

Perhaps, after all, the nineteenth century will not pass into the calendars of the past without having developed the pen capable of writing *The Great American Novel*."

MESSRS. D. APPLETON & CO.'s preliminary autumn announcements include the following books: *A History of American Privateers*. By Edgar Stanton MacLay. Uniform with the author's *History of the United States Navy*. 8vo., illustrated. *History of the People of the United States*. By Prof. John B. McMaster. Vol. V. 8vo., with maps and index. *Reminiscences of a Very Old Man, 1808-1897*. By John Sartain. Large 12mo., illustrated. *The Log of a Sea-Waif*. By Frank T. Bullen, author of *The Cruise of the Cachalot* and *Idylls of the Sea*. 12mo. *The Principles of Taxation*. By the late David A. Wells. 12mo. *Russian Literature*. By K. Waliszewski. A new volume in the Literature of the World Series, edited by Edmund Gosse. *The International Geography*. By Dr. Fridtjof Nansen, Prof. W. M. Davis, Sir Clement R. Markham, James Bryce, F. C. Selons and others. Edited by Dr. H. R. Mill. *The Comparative Physiology and Morphology of Animals*. By Prof. Joseph Le Conte. 12mo., illustrated. *Evolution by Atrophy*. By Jean Demoor, Jean Massart and Emile Vandervelde. A new volume in the International Scientific Series. *Britain and the North Atlantic*. By H. J. Mackinder, M.A., Student of Christ Church, Reader in Geography in the University of Oxford, Principal of Reading College. *Scandinavia and the Arctic Ocean*. By Sir Clement R. Markham, K.C.B., F.R.S., President of the Royal Geographical Society. *The King's Mirror*. A novel. By Anthony Hope. 12mo., illustrated. *Averages*. A novel of modern New York. By Eleanor Stuart, author of *Stone Pastures*. 12mo. *The White Terror*. Translated from the Provençal of Félix Gras, by Mrs. Catharine A. Janvier. 16mo. *Some Women I Have Known*. By Maarten Maartens, author of *God's Fool*, etc. *Lady Barbarity*. By J. C. Snaith, author of of

*Mistress Dorothy Marvin*, etc. *Frauds and Holy Shifts*. By T. Gallon, author of *Tatterly*, etc. *A Voyage at Anchor*. By W. Clark Russell. *The Strange Story of Hester Wynne*. By G. Colmore, author of *A Daughter of Music*. *A Bitter Heritage*. By John Bloundelle-Burton. *The Heiress of the Season*. By Sir William Magnay, Bart. *The Pomp of the Lavallettes*. By Gilbert Parker. New edition. *A Hero in Homespun*. By William E. Barton. New edition. *The Half-Back*. A story of School, Football and Golf. By Ralph Henry Barbour. Illustrated by B. West Clinedinst. *The Story of Magellan*. A Tale of the Discovery of the Philippines. By Hezekiah Butterworth. Illustrated by F. T. Merrill and others. *The Treasure Ship*. A story of Sir William Phipps and the Inter-Charter Period in Massachusetts. By Hezekiah Butterworth. Illustrated by B. West Clinedinst and others. *Dewey on the Mississippi*. Illustrated. A new volume in the Young Heroes of our Navy Series. *The Book of Knight and Barbara*. By David Starr Jordan. With illustrations by the children. *The Story of the Living Machine*. By Prof. H. W. Conn. *The Story of the Alphabet*. By Edward Clodd. *The Story of Eclipses, and the Story of Organic Chemistry*. By Prof. G. F. Chambers. *The Secondary School System of Germany*. By F. E. Bolton. *Advanced Science Teaching*. By E. G. Howe. *The Story of the Fishes*. By J. N. Baskett. *Harold's Quests*. By J. W. Troeger. *The Insect World*. By Clarence M. Weed. *About the Weather*. By Mark W. Harrington. *The Story of English Kings*. By J. J. Burns. *Chronicles From Froissart, and Stories From the Arabian Nights*. By Obdam Singleton. *The Family of the Sun, and Some Great Astronomers*. By Edward S. Holden. *La Fonografía Moderna*. By Charles A. Rockaway. *The Harmonic Method of Learning Spanish*. By Louis A. Baralt. *Silabario*. By Ponce. *Tio Bernac*. By A. Conan Doyle. *Anatomy and Physiology of the Nervous System*. By L. F. Barker, M.D. *Manual of Operative Surgery*. New edition. By Joseph D. Bryant, M.D. *Bartholow's Materia Medica*. New edition.

## Reviews.

## GENERAL LITERATURE.

*The Great Lord Burghley: A Study in Elizabethan Statecraft.* By Martin A. S. Hume. Longmans, Green & Co.

We should probably go beyond the mark were we to call Burghley one of Major Hume's heroes, but he holds the Elizabethan statesman in marked respect, and devotes to him the most elaborate study which, so far as we have seen, has yet issued from his pen.

One cannot deal with Burghley on a small scale. The materials which he left his biographers are enormous, and if Nares erred on the one side in producing a series of quartos which weighs sixty pounds, the shortcomings of the epitomist are almost equally glaring, though they may not be so ludicrous. According to the scale of modern memoirs—*e. g.*, Lord Selborne's autobiography—the 500 octavo pages of Major Hume are indeed but a moderate book. For one surrounded as he has long been by the ample records of Burghley's time, verbal restraint must be difficult, even with a fresh remembrance of Macaulay's satire against the Brobdingnagian propensities of Dr. Nares. Considering that among the Lansdowne MSS. at the British Museum there are 122 folio volumes of Burghley's papers, and that Lord Salisbury's collection at Hatfield comprises 30,000 documents, any sketch of the man's career which can be contained in one volume is reasonably compact. Just as a life of Sir Robert Peel means interminable Hansard, a life of Lord Burghley means interminable dispatches.

The clearness which is characteristic of Major Hume's literary style is also noticeable in what he says concerning his attitude towards Burghley. He regards Elizabeth's Lord Treasurer neither as a "demigod," nor as a statesman of the highest class, nor as a high ethical example. He even professes that our modern moral standards are out of place in judging the acts of Tudor politicians. \* \* \* For purposes of this review, the domestic relations and even the social qualities of Burghley are largely negligible, but apropos of the vast wealth which he accumulated and of his other canny traits, we must cite Mr. Hume's estimate of his egotism when viewed side by side with his public duty. It is, that country came before family. "The first cause he served was that of the State, the second was William Cecil and his house. Through a long life of ceaseless toil and rigid self control, these were the mainsprings of his activity and devotion." Moreover, we should emphasize the sense of personal dignity which, at a time of almost universal pilfering and blackmail, kept him above suspicion of bribery. When regarding the rights and wrongs of public questions, he showed the disinterested temper of

a jurist, and under other circumstances he might readily have developed into a great judge \* \* \* As usual, we have only words of commendation for Major Hume's sound learning and entertaining style.—N. Y. *Evening Post*.

*State Trials, Political and Social.* Selected and Edited by H. L. Stephen. 2 vols. The Macmillan Company.

The old series of state trials has long been known as containing some of the best reading in all historical literature, and as illustrating nearly every phase of old English life. Unfortunately, Hargrave's cumbrous folios and Howell's more convenient but execrably printed volumes are not generally accessible, or likely to be read widely if they were. A selection of the more interesting trials, consisting mainly of a reprint, but with the *longueurs* judiciously abridged, was eminently desirable; and this is what Mr. H. L. Stephen has given us in two dainty little volumes, offering the greatest possible contrast to the unattractive form in which the trials have hitherto been presented. The period chosen covers the seventeenth and early eighteenth centuries. The first volume contains the trials of Sir Walter Raleigh, Charles I., the Regicides, Colonel Turner, the Suffolk Witches, and Alice Lisle; the second, those of Lord Russell, the Earl of Warwick, Spencer Cowper, and Samuel Goodere. Raleigh's trial is the best known in the list. \* \* \* Mr. Stephen's selection of trials is, on the whole, excellent; indeed, he tells us it had already been made independently by Mr. Leslie Stephen. But good as is the trial of Captain Goodere, of the Royal Navy, who boldly carried his elder brother, Sir John Goodere, on board his ship in the port of Bristol and had him murdered there, we should have preferred the trial of Elizabeth Canning for perjury, as the one trial of no political interest which excited the strongest dissensions and differences among the public, at any rate, before the Tichborne case. Possibly, if the reception accorded to this selection is sufficiently favorable, Mr. Stephen may be tempted to undertake another, for the store is still unexhausted, and there are quite as good behind.—*Literature*.

*Speculum Gy de Warewyke.* An Early English Poem. Edited by G. L. Morrill, A.M., Ph.D. London, Kegan Paul, Trench, Trübner & Co.

Somewhere about 1300, in Midland, England, a priest bethought him of the consecrated life and, looking round for a subject, selected the wonderful theme of Guy of Warwick, a choice

hero of early England, for his octosyllabic poem—a spiritualized Guy, however, well indoctrinated in the theology of the day. The secular Guy of Warwick romances, as shown by Zupitza in his remarkable edition, had been among the most abundant and fascinating of the early English middle ages; delightful food for the fancy of many a poet. What more natural than that this Guy, after his marvellous round of adventure, should, like Faust, have a Part Second to his career—should in deep remorse expiate his offenses against God, and fall in with a benevolent friar able to teach him the discrimination between good and evil?

This is the theme of the remarkable work before us. The old monks who could “illumine a martyrology or curse a crucifix” are here rivalled by a woman who with extensive learning combines indefatigable patience and who overlays a poem of forty or fifty pages with nearly two hundred of commentary. Nor is Dr. Morrill a dry exegete. Enthusiasm glows on every page, and a strenuous personality is apparent between the lines. Urged by the lamented Zupitza (to whom the volume is partly dedicated), she took up the Auchinleck MS. of the “Speculum,” once belonging to the father of Johnson’s celebrated Boswell, and collated it carefully with six other MSS. This was in 1896. Interruptions occurred to prevent the completion of the work; but now it appears with the magic *sesame* of the Early English Text Society’s seal set on it. It is a rare honor for a woman to be selected to edit one of this Society’s texts, but Miss Morrill shows she has well deserved the honor. No German monograph could be more minute and painstaking in its analysis, methods and results. Every possible question connected with the Warwick romances is taken up and exhaustively discussed.—*Critic*.

*How to Know the Ferns.* By Frances Theodora Parsons. Charles Scribner’s Sons.

The author of that admirable book, “How to Know the Wild Flowers,” Mrs. Frances Theodora Parsons, has done a like service for nature lovers in *How to Know the Ferns: A Guide to the Names, Haunts and Habits of Our Common Ferns*. In this, as in her former book, the intention has been to give in the most practical and readily accessible way a clear description of each fern mentioned, together with the localities in which it is most likely to be found. The ferns are arranged in six groups, according to their manner of fruiting; and a little careful reading of the preliminary chapters will enable the reader to start on a fern hunt with pretty clear ideas of what to look for.

Among the things that especially attract attention in swampy places early in the spring, along with the uncanny-looking skunk cabbages, are the queer, woolly, crozier-like heads of the great Cinnamon Fern. These are now vying in size with the big leaves of the arrow heads, and wave, plume-like, with every breeze that blows.

The author very happily points out a chief attraction in the search for these lace-like plants. “To me the greatest charm the ferns possess is that of their surroundings. No other plants know so well how to choose their haunts. If you wish to know the ferns you must follow them to nature’s most secret retreats. In remote tangled swamps, overhanging the swift noiseless brook, in the heart of the forest, close to the rush of the foaming waterfall, in the depths of some dark ravine, or perhaps high up on mountain ledges where the air is purer and the world wide and life more beautiful than we had fancied, these wild graceful things are most at home.” The illustrations of Mrs. Parsons’ book are beautifully decorative, and at the same time give careful detail.—*Book Buyer*.

*The History of South Carolina Under the Royal Government, 1719-1776.* By Edward McCrady. 8vo. The Macmillan Company.

Perhaps the most noteworthy of recent contributions to our colonial history is the work on South Carolina by Gen. Edward McCrady, a learned lawyer of that State. General McCrady’s earlier volume, devoted to the period of proprietary government, was noticed in these columns at the time of its appearance. The present volume covers the period of the royal government, 1719-1776. General McCrady has spared no pains to provide a full and trustworthy account of the colonial origins of the Palmetto State. His volume on the proprietary government was enthusiastically received by all students of Southern history. His point of view has been described as that of the historian, rather than that of the native South Carolinian. Throughout his work there is no attempt to exploit particular persons or events at the expense of historical accuracy, but, on the contrary, the narrative is remarkable for its evenness and calmness of tone; indeed, if any criticism were to be passed upon the work it might possibly be said that the more significant passages of the history have not been brought out and separated from the less important episodes with sufficient clearness.—*Review of Reviews*.

*Side Lights of American History.* By Henry E. Elson. 12mo. The Macmillan Company.

Mr. Elson has undertaken to present for the period of our national history before the Civil War a series of “pictures on a larger scale” of some of the more important events. His book is intended to supplement the ordinary historical text-book. No effort is made to provide connectives; but each episode is treated by itself, and, as the title partially indicates, these episodes are not in themselves the most important or crucial events in our history, but rather the events which throw the best side lights on the general course of the historical narrative. For example, after the account of the adoption of the Declaration of Independence, the framing

of the Constitution and the inauguration of Washington, chapters are devoted to the Alien and Sedition Laws, Fulton and the steamboat, the Lewis and Clark expedition, the conspiracy of Aaron Burr, the Missouri Compromise, the Monroe Doctrine, Lafayette's visit, the *Caro-line* affair, the campaign of 1840, the discovery of gold in California, the Underground Railroad, the Kansas-Nebraska bill, the Lincoln-Douglas debates, the history of political parties, and the relation of the states to the nation. Each of these subjects is treated in a popular and interesting way. The writer has purposely chosen subjects as unlike in character as practicable, so that as many as possible of the important aspects of our national growth may be presented to the reader. The book is well calculated to stimulate further research.—*Review of Reviews*.

*The Origin and Growth of the Moral Instinct.*  
By Alexander Sutherland, M.A. In two volumes. Longmans, Green & Co.

The book is a noteworthy contribution to the controversy regarding the relation between evolution and ethics. Its main thesis is that morality is based on sympathy, and that sympathy is evolved in the struggle for existence. Accordingly, in his preface Mr. Sutherland mentions Charles Darwin and Adam Smith as the writers to whom he is most deeply indebted. "Full half of the book is the detailed expansion of the fourth and fifth chapters of the *Descent of Man*." This expansion, however, has involved a considerable amount of independent reflection and research, and the view of ethics developed in the second volume shows even more clearly the stamp of the author's own individuality \* \* \* It is impossible to discuss in detail the mass of facts and the numerous hypotheses which the author has brought into connection with his central position, and which have usually an intrinsic value. We have said enough to show that this carefully written book deserves careful reading. The author possesses a clear and forcible style, and has the faculty of arranging material in a systematic way. This book cannot fail to be suggestive even to those who disagree with its main contention.—*Philosophical Review*.

*The Constitution of the United States: A Critical Discussion of Its Genesis, Development and Interpretation.* By John Randolph Tucker, LL.D. Edited by Henry St. George Tucker. 2 vols. Large 8vo. Callaghan & Co.

At the time of his death in February, 1897, the Hon. John Randolph Tucker, of Virginia, eminent as a lawyer and a statesman, was somewhere near the end of the first draft of a great work on American constitutional law. It is needless to tell American lawyers and public men that Mr. Tucker was regarded by his contemporaries both North and South as one of the foremost students and exponents of the Constitution. It is an interesting fact that he had come

by inheritance, as it were, into possession of a great aptitude for the law. His father was Henry St. George Tucker, president of the Court of Appeals of Virginia, and his grandfather, also of that court, wrote the first commentary on the Constitution of the United States. His son, Henry St. George Tucker, who has carefully edited the present work and carried it through the press, has succeeded his father as professor of constitutional and international law and equity in the Washington and Lee University. This great work is at once historical, philosophical and practical in its method. The style and manner of the book are direct and clear, and the editor has been exceedingly wise in refraining from any attempt to correct and improve the diction by eliminating colloquialisms due to the manner in which the chapters were dictated in the original draft. This noble work will at once take its place among the most valued standard authorities on American constitutional law.—*Review of Reviews*.

*The Races of Europe. A Sociological Study.*  
By William Z. Ripley. 2 vols. 8vo. D. Appleton & Co.

This elaborate work by Dr. Ripley furnishes what has heretofore been lacking—at least among publications in the English language—an anthropologist's description of the present living peoples of Europe. The interest and value of the work is greatly enhanced by the collection of more than 200 portrait types gathered from all the European countries. A special study has been made of the European peasantry and their physical traits, such as the stature, color of hair and eyes, head, form and features. The historian and archaeologist will find in this volume many suggestions regarding the origin and migrations of European peoples. The author also traces the influence of geographical circumstances in the determination of such social phenomena as suicide, divorce, and intellectuality. Of special interest to Americans in connection with our new policy of colonial expansion is the final chapter concerning the possible adaptation of Europeans to the climate of the tropics. Very valuable also is the supplementary volume containing a selected bibliography of the anthropology and the ethnology of Europe, comprising nearly 2,000 titles and published by the trustees of the Boston Public Library.—*Review of Reviews*

*A System of Ethics.* By Friedrich Paulsen.  
Edited and Translated by Frank Thilly. 8vo.  
New York, Charles Scribner's Sons.

This is a translation of the fourth edition of Paulsen's great work, or rather of the first three "books" of that work, the first of which traces the historical development of the conceptions of life and moral philosophy from the times of the Greeks down to the present, while the second examines and answers the fundamental questions



of ethics and the third applies these principles to our daily conduct, defining the different virtues and duties. Professor Thilly, the American editor and translator, has added notes and bibliographical references. The book is well fitted to introduce the beginner to the study of ethics, and represents the ripest German scholarship in this field.—*Review of Reviews.*

*Reminiscences.* By Justin McCarthy. 2 vols. 8vo. Harper & Brothers.

Mr. Justin McCarthy for a great many years has been in the very heart of the political, literary, journalistic and artistic world of the British Islands, and he has also known many people in America and other countries. These volumes of reminiscence have been rather severely criticised in London for their amiability. But, of course, in its kindness lies the great charm of such writing. Mr. McCarthy has given us rather desultory chapters, but replete with character sketching and anecdote, and fortunately, well indexed. He avoids, very properly, much allusion to living contemporaries, but gives us most sympathetic and valuable reminiscences of such men as Matthew Arnold, John Bright, Charles and Louis Blanc, Thomas Carlyle, Lord Randolph Churchill, Richard Cobden, Charles Dickens, Benjamin Disraeli, Ralph Waldo Emerson, the American Field brothers, William E. Foster, Froude, Thackeray, Gladstone (of course) and not to follow the alphabet any further, almost every really significant personage of the last half century. The volumes are in no sense autobiographical. They are not about Mr. McCarthy himself, but about other people. They are delightful reading.—*Review of Reviews.*

*Henrik Ibsen. Björnstjerne Björnson. Critical Studies.* By George Brandes. 8vo. The Macmillan Company.

These appreciations of Ibsen and Björnson have been written by a distinguished critic who has won perhaps as wide a recognition in England and America as in continental Europe. The author's "first impression" of Ibsen was written as long ago as 1867, a "second impression" in 1882, and a "third impression" in 1898. In republishing these impressions Dr. Brandes had made no correction or modification of any moment. The essays, therefore describe Ibsen as Brandes understood him at three different stages in his literary career. When Brandes first wrote about him Ibsen was between thirty-eight and thirty-nine, the second time he was fifty-four, and last year, when the third impression was written, Ibsen had completed his seventieth year. Dr. Brandes's studies make up a uniform record of progressive criticism of a single personality. His study of Björnson, however, stops at the year 1882. It is to be regretted that Dr. Brandes did not see fit to write a supplementary essay covering Björnson's work since that date.—*Review of Reviews.*

*A Manual of Surgical Treatment.* By W. Watson Cheyne, F.R.S., and F. F. Burghard, M.S., Surgeons to King's College Hospital, London. In six Parts. Part I. Pp. xiv + 285. with 66 illustrations in the text. Longmans, Green & Co.

Such a work as this has long been wanted by senior students, house surgeons, and general practitioners, who are often left in charge of capital operations performed by surgeons of repute without any precise directions as to the treatment to be adopted in cases of emergency. But the work undertakes much more than this, for it is evident that the authors will review the whole field of surgery in the light of our present pathological knowledge, showing the modern methods of treatment and explaining why they have replaced the older plans. The present part deals with the more general subjects of inflammation, gangrene, wounds, venereal disease, tuberculosis and tumors. It treats, therefore, of those parts of surgery which, perhaps more than all others, have been affected by antiseptic treatment. Mr. Watson Cheyne is so well known as one of the most distinguished pupils of Lord Lister that no better exponent of his methods could be found, and we are here presented with a clear account of the rationale of modern treatment. Thus, amongst many other more important things, we learn why poulticing is bad in the treatment of abscess, why a chronic abscess should be scraped, but an acute abscess should only have the matter let out and the loculi broken down. The facts and reasoning are excellent, but the pleasure of reading is too often marred by the form in which they are presented, as many of the sentences seem to be constructed upon a German model. The figures which illustrate the letterpress vary greatly in quality; some are excellent, others are sketchy, whilst others again are such mere outlines as to be almost unintelligible. Dr. Silk contributes an excellent article on the subject of anaesthetics, and there is a good index to this first part of the work.—*Nature.*

*Practical Dictionary of Electrical Engineering and Chemistry in German, English and Spanish.* By Paul Heyne, assisted by Dr. E. Sanchez-Rosal Vol. II. English-Spanish-German. Pp. vii + 209. Dresden: Gerhard Kuhlmann. H. Grevel & Co.

The difficult task of preparing a technical trilingual dictionary has been accomplished in the present case with commendable accuracy. The Spanish and German equivalents are given of a large number of technical terms used in engineering, modern machine industry, metallurgy, electricity and chemistry, and other applied sciences. To the engineer, the student of physical science, and the commercial man, the dictionary should prove of great service.—*Nature.*

*European History.* An Outline of its Development. By George Burton Adams. With maps and illustrations. The Macmillan Company.

This book, which is designed for the use of higher schools and of colleges, possesses many excellent features and may be called without hesitation a success. Prof. Adams avoids most of the shortcomings which one expects to meet with in manuals (e. g., dulness, distorted proportions, lack of suggestion), and has many merits of his own which we shall presently specify. Speaking at large, we must give the volume our hearty approval, and express the hope that it may be widely established as a text-book.

When one analyzes the contents, a considerable range of subject matter is observable. Besides the text proper, there are bibliographical tables and particular bibliographical references to the various subjects considered, a paragraph of "topics" at the end of each chapter, presumably for questioning purposes; "topics for studies in review," placed at the end of each main period; and a table of important dates for review, sometimes given synoptically in parallel columns. In addition to these diversified attractions must be mentioned numerous illustrations and maps. Thus the author presents a great deal of apparatus outside his plain narrative, all of which, however, is intended to supplement, emphasize, or embellish the text itself. Here lurks the danger of providing too much machinery, which has, however, been escaped by a close regard to the correlation of parts. In spite of the various elements which it presents to the eye, the work cannot be accused of lacking unity.

We are unable to tell what degree of trust Prof. Adams places in the apparatus which we have just described. Personally, we think that most of it will prove useful, and the bibliographies are indispensable. But the chief virtue of the treatise does not consist therein. \* \* \* He is a professional who knows where to go for the best information, and how to employ it when brought together.

Next after the writer's competence, we must rank in the list of strong points the remarkable pains which he has taken with his bibliographies. They are really admirable, and so conjoined with the text that the full measure of their value is secured. Following the table of contents is placed a page which contains the titles of such books in French, German and English as the teacher will probably require for general reference, and special bibliographies stand at the head of every leading subdivision. These are all rendered the more practical by comprising the publisher's name and the cost price of the volume. Page by page, too, as the text proceeds, the student will find in the margin some standard authority for every leading topic which is taken up, and, whatever the book in question may be, precise passages from it are recom-

mended—which is something quite different from a nebulous allusion to the whole work.

Our final impressions are so favorable that it may seem hardly worth while to qualify them by any touch of adverse criticism.—*The Nation.*

*The Physical Nature of the Child and How to Study It.* By Stuart H. Rowe, Ph.D. The Macmillan Company.

As indicated by the bibliography at the close of this volume, the author has drawn his information from more than a hundred sources in our own language and in others. He has had, moreover, a wide experience as a teacher, and has, therefore, a right to speak to parents and to teachers "as one having authority."

Especially is the book to be commended to parents, for, strange as the assertion may seem, the average parent, rather than the teacher, is heedless of his responsibility, and is disposed to pooh pooh that most important of the sciences, paediatrics.

Much is written, and justly, in deprecation of the modern "uppishness and forwardness and rude self-assertion on the part of the young," of their lack of reverence for their elders and their want of filial obedience and respect. True as this is, it comes not so much from parental devotion as from parental indolence, and is quite compatible with downright cruelty of paternal criticism and denunciation. A volume might be written on "The Unconscious Cruelty of Parents," all coming from inability to understand the child-nature, from forgetfulness of the weaknesses and peculiarities of our own childhood and adolescence.

A better understanding of the physical nature of the child would silence much of the mother's "nagging," much of the real abuse that the average father calls "management." A collection of the remarks addressed to boys by their fathers would not be edifying reading, and they leave their scars upon the boys—every one of them. How many parents leave out the personal equation in dealing with their children, and think only of what is for their children's good? Dr. Rowe's book might open not a few blind eyes, and might make parents understand what "management" really is.

It might prevent, too, a not uncommon and altogether selfish insistence, that the child, helpless as he is, should be made miserable by sharing the financial burdens and anxieties of the family. On this point, as on many others, Dr. Rowe's words are golden. He quotes in conclusion from Dr. Holmes, that "a life free from want, care and toil is necessary for the mental and physical development of the child; and since the physical stature is not complete before the nineteenth or twentieth year of life, every child is entitled to nineteen or twenty years of youth free from toil." At the same time Dr. Rowe emphasizes the fact that "work or constant employment is one of the important features of sex hygiene. It takes the adolescent from

himself, and tends to widen out his interests and ideals. It is strange that parents do not more generally see to it that their children are always interestedly employed."

On the subjects of "hardening a child," of diet, of fatigue, of sex, of the delicate and difficult period of adolescence, Dr. Rowe gives warnings and counsels that cannot be too earnestly heeded.

The volume should find a place in the library of every teacher, and is so sensible, so clear, and so succinct that even the parent whose children are a disagreeable interruption to the business or the pleasure of life will be tempted to read it, and having once read it, can scarcely be so fatuous as to return to his former attitude as self-complacent carelessness.—*New York Times*.

*Who's Who In America.* Edited by J. W. Leonard A. N. Marquis and Company.

"Who's Who" has been for many years an English reference book, published annually, and of the greatest usefulness to editors and literary workers. The publishers of *Who's Who in America* (A. N. Marquis & Co.) have taken the English work as a model, although not for slavish imitation, and have produced a volume that in the strictest sense supplies a long-felt want. It is a biographical dictionary of Americans now living, and distinguished for their achievements in literature, education, statesmanship, science, commerce, or other fields of activity. The biographies give only the essential facts, and the form of statement is as condensed as possible. Since, in nearly all cases, the facts stated have been submitted for verification to the subjects concerned, the work is highly trustworthy. We hasten to add that the editor has been duly critical of the material offered him, and has strictly suppressed the efforts of self-seeking mediocrities to gain admission to its pages. He claims for his book "the virtue of being honestly and conscientiously compiled," and, after a rather close examination, we see no reason to suspect the genuineness of the claim. The preface gives some amusing incidents concerning, on the one hand, the difficulties experienced in extracting information from some of the people approached, and, on the other, the sort of wire-pulling done by people who were not approached in order to attract attention to their unimportant selves. The exact number of biographies included is 8,602, which is rather more than one to ten thousand of our population. To the State of New York 2,039 are credited, to Massachusetts 742, to the District of Columbia 724, to Pennsylvania 622, and to Illinois 564. There is an interesting table of educational statistics, showing that 3,237 are graduates of colleges, besides an odd thousand of graduates from professional schools. Another useful feature is a necrology of persons who have died since January 1, 1895. Mr. John W. Leonard is the editor of this work, which will be found

indispensable by many classes of people.—*The Dial*.

*Die Feldgemeinschaft in Russland.* Ein Beitrag zur Sozialgeschichte und zur Kenntnis der gegenwärtigen wirtschaftlichen Lage des russischen Bauernstandes. Von Wladimir Gr. Simkhowsitch. Pp. xv + 399. Jena, Fischer, 1898.

The work of Dr. Simkhowsitch, coming as it does simultaneously with the news of another peasant famine in Russia, is very opportune indeed. This is the second work devoted to the subject of Russian agriculture which comes from a Russian student making his doctorate abroad. Like its predecessor ("The Economics of the Russian Village," by I. A. Hourvich, published as a doctor's dissertation by Columbia University), it aims at doing away with two erroneous notions which seem to have struck deep root in the minds of the foreign public. These are first, that the Russian village commune, the so-called "mir," with its supposed economic equality of the members composing it, is a myth; second, that the famines which have been succeeding one another with such remarkable regularity during the present decade are not due to any unfavorable combinations of meteorologic and climatic conditions, but are the natural result of the backward state of Russian agriculture due partly to the remnants of the old "mir," partly to the general narrow-minded, suicidal fiscal policy of the Russian Government.

The plan of Dr. Simkhowsitch's work is admirable. Realizing that the unusually exhaustive and voluminous Russian literature on the subject has so far remained almost a complete *terra incognita* to the western world he has executed his work on far broader lines than would be necessary otherwise. The work has been made largely historical, but the history is in the main economic. \* \* \* The book is divided in four parts. In Part I. we learn of the system of land "ownership by shares" (*Anteilbesitz*) which was prevalent in Russia during the sixteenth to eighteenth centuries, and came as a result of the splitting up of the old patriarchal family. It contains in conclusion a very interesting chapter on the origin of serfdom and on its final incorporation into Russian law at the end of the sixteenth and during the seventeenth centuries. Part II. is devoted to the village commune, the "mir," and shows very conclusively how the supposed socialistic institution was inaugurated during the period of serfdom through the efforts of the landlords, and how it had been perpetuated after the emancipation by the government. \* \* \* Part III. gives a complete description of the forms and functions of the "mir," such as the principles of periodic repartition of land, of financial responsibility of the commune for each of its members, of the communal use of the pasture, wood and meadow lands, etc. The fourth and last part of the book is devoted to an historical and critical examina-

tion of the act of emancipation and subsequent agrarian legislation of the Russian Government. \* \* \* While Dr. Simkhowitsch's work is not in any way original, it is probably the only up-to-date book in a foreign language which makes an attempt at an exhaustive and systematic treatment of the subject, and for wealth of material and for clearness of presentation, it can not be too strongly recommended to all those who wish to get a comprehensive view of this most vital problem in the largest empire of the civilized world—*Annals of the Am. Academy*.

*Diomed; The Life, Travels and Observations of a Dog.* By John Sergeant Wise. Illustrated by J. Linton Chapman. A New Edition. The Macmillan Company.

The typical master of American field-sports is always a Southerner, and somehow the thought of dog and gun is associated with a vision of the Old Virginia plantations, the hills of the Carolinas, and the sedgy fields of Georgia and the Gulf States. Mr. Wise has been what his name imports in giving full play to his memory while writing his dog's recollections of experiences on the choicest sporting grounds in our country. From the first page, even of the preface, Diomed and his master share the honors of authorship in this book. "I stand for the dog," says Mr. Wise. "I let master tell the story," says Diomed.

Diomed, familiarly and lovingly shortened to Di, was a name of honor among bird-shooters for ten or twelve years. The book will, of course, appeal most vigorously to sportsmen; yet almost every sound-hearted and healthy-minded person will be pleasantly touched while reading it.

There is very little seen of the brutal side of field-sports in what Di has recorded. The birds are duly "pointed," and when flushed are neatly shot and briskly retrieved; but between the filling of bags from Florida to Virginia, and on to the far West, we are given hearty, genial sketches of men, women and manners taken directly from life on the spot. The style is virile, breezy, fragrant from contact with sincerity, and, above all, it is saturated with the quintessence of that good fellowship which may die out when the quail and grouse and shore birds have all been killed, and the race of bronzed and ruddy sportsmen has lost its occupation. Here and there the author (dog or master) falls to discriminate between "would" and "should" and "will" and "shall," a matter always troublesome to Southerners when at full cry on a hot literary trail.

Of the many charming sketches in Diomed's reminiscences, those giving bold glimpses of many famous sportsmen are not the least valuable. That of the late J. M. Tracy, whose portraits of dogs will be above price in the long future, is captivating, and, alas! touched with the pathos of life's inevitable end. But Di

finds setters, pointers, and droppers, met during wide wanderings from shooting-ground to shooting-ground, excellent subjects for sympathetic remark and able criticism, interspersed with observations upon the habits of game birds and the best methods of killing them for the delectation of both dog and master.

The illustrations serve their purpose with good effect, especially the pictures of birds and dogs. Tracy's portrait of Diomed is reproduced, showing a magnificent setter, evidently more intelligent than the common run of biped authors. Our game birds, from the wild turkey down to the snipe, are excellently pictured. The sketch showing the relative sizes of quails from Virginia, New York, Pennsylvania, Florida, and Texas is interesting, the gradation in the order named being a rapid falling off in stature. After all, however, Diomed's narrative contains its own best illustrations, and from beginning to end it bubbles with wit and humor genuinely Southern. From a book like this the historians and the romance-writers of the future will gather details strikingly true and effective. It records the last authentic impressions of the Cavaliers,

"Who rarely hating ease,  
Yet rode with Spottswood round the land,  
And Raleigh round the seas."

It would be hard to find a book on field-sports with dog and gun to place beside this as its equal. Diomed is the greatest writer that ever was born among dogs.—*Chap Book*.

*The Alcestis of Euripides.* By Hermann Wadsworth Hayley, Ph.D. Ginn & Co.

This is a very solid piece of work, and, in its way, a unique example of American scholarship. Professor Earle's "Alcestis" contained much original labor and many valuable suggestions; but Dr. Hayley's is the first mainly critical edition of a Greek play that has appeared in this country. The reason of this is obvious enough; critical editions must be finally based on manuscripts, and we have few if any important manuscripts of the classics in our libraries. Nor is it likely that we shall acquire any except waifs from the flotsam and jetsam of Egyptian papyri and kindred sources. Hence, the compiler of a critical text works by preference in the great European libraries, though the photographic facsimile is a valuable aid when accessible. There is, besides, a real pleasure in tackling an entirely new bit of Menander or of Hyperides, or in bringing within our ken the new planet of a Herondas or a Bacchylides; but the appalling task of threshing out once more the twenty times threshed readings and questions of an "Alcestis" requires a stout heart and head for the undertaking.

This is what Dr. Hayley has done. He has provided a satisfactory apparatus, he offers a selection from four thousand readings or emendations, and he has endeavored as he says, "to bring Monk up to date," by incorporating what

is valuable in the labors of Nauck, Kirchhoff and Prinz, and the discussions of scores of special dissertations. He asks modestly for the lenient consideration due to the tyro; but there is nothing immature or amateurish about his work. It shows a sound and independent judgment, based on adequate learning and a nice literary instinct.—*The Nation*.

*Daniel Webster.* By Norman Hapgood. Volume V. in the Beacon Biography of Eminent Americans. Small, Maynard and Company.

The Beacon Biographies are intended to furnish brief but readable and authentic accounts of the most notable Americans in all walks of life. Each biography is to have an engraved portrait, a chronological table and a bibliography for further reading. They are simply and attractively bound in blue flexible cloth, and average somewhat over 120 small pages apiece. The editor, Mr. M. A. De Wolfe Howe, has recently shown himself well versed in American biography in his "American Bookmen," and also a writer with a keen eye for what is entertaining. In the present series he has endeavored to secure a writer of special competence for each volume; and, if we may judge from the five before us which constitute the first issue, he is likely to succeed admirably in most cases.

Mr. Norman Hapgood, whose "Literary Statesmen" attracted the interest of so many cultivated people a few years ago, is the author of a little volume on *Daniel Webster*. He has performed his work with great thoughtfulness, scholarly care and literary skill. Mr. Hapgood is principally known in New York as an acute and fearless critic of the drama. In England he is principally known by his essays on English statesmen which have appeared from time to time in the *Contemporary Review*, and of which the ablest and most important is the one concerning Gladstone. The interest of these studies is due not only to the penetration and the thoughtful style of the essayist, but also to the fresh and comparatively original point of view from which he approaches each study. The dust of political discussion and controversy still swarms many of the figures; but to Mr. Hapgood purely political and historical considerations are of secondary importance. His first interest is in literary and psychological aspects. These are viewed through a clearer atmosphere. Despite its brevity this admirable little study of Webster is skilfully contrived to give a clear and tangible idea of Webster's greatness and of his varied activities.—*Commercial Advertiser*.

*Earthwork out of Tuscany.* Being Impressions and Translations of Maurice Hewlett, with Illustrations by James Kerr Lawson. G. P. Putnam's Sons.

The interest aroused by Mr. Maurice Hewlett's "Forest Lovers" has drawn attention to an earlier book of his, *Earthwork out of Tus-*

*cany*, and a second edition has recently been published. In the preface, added now for the first time, the author owns to mortification in the discovery that not more than two in every hundred who have read him have known what he was at. "The book," he says, "has been read as a collection of essays and stories and dialogues only pulled together by the binder's tapes; \* \* \* some have liked some morsels, and others other morsels; it has been a matter of the luck of the fork. Very few—one only to my knowledge—can have seen the thing as it presented itself to my fluttering eye—not as a pudding, not as a case of confectionery even, but as a little sanctuary of images such as a pious heathen might make of his earthenware gods." A little later he expands his purpose: "The vague informed, the lovely indefinite defined; that is Art. As a sort of *pâte sur pâte* comes Criticism to do for Art what Art does for life. I have tried in this book to be the artist at second hand, to make pictures of pictures, images of images, poems of poems. You may call it Criticism, you may call it Art—I call it Religion. It is making the best thing I can out of the best things I feel."

Mr. Hewlett has read the authorities. He knows, for example, what Ruskin has said of Tuscan art; the views of Mr. John Addington Symonds, of Rio, and of Crowe and Cavalcaselle, not to mention Burckhardt's Cicerone; the criticisms and illuminations, often conflicting, which have resulted from the separate point of view of each. His own point of view is different from any—from the inside rather than the outside. Though "a Northern image-maker," as he styles himself, he has not projected a Northern vision upon Tuscany, but sought from the country itself, its physical conditions, first of all, then the resulting temperament of its people, the source of intuition, by which the works in which they expressed themselves may be known.

He sees Art as a manifestation of life; and from the picture, the mosaic, building, or what not makes the living form that prompted it four hundred years ago stand forth once more in the vitalizing sunshine. From the picture which is he constructs another of what may have been. This is as far as possible from any cant of criticism, dry-bones of investigation, from any belittlement or super admiration of the subject discussed. Still less, it is mere graceful invention. Sanity and restraint appear all through, and the latter-day analytical spirit is not absent. Interwoven with these vivid pictures are many threads of serious criticism, which are all the more luminous for the apparent artlessness, in lieu of dogmatism, with which they are introduced. But best of all, Art is represented as part and parcel of life, not a separate refinement, but an inevitable expression of human habit. This is, perhaps, the freshest and worthiest feature of the book. The diction is so admirable in its *nettelé*, that, except by quotation, it were a shame to allude to the separate essays. Thought and style cannot be separated. But to any one

who has felt the spell of Italy, or even to one who loves her art at second hand, the book will be found richly suggestive. The drawings by Mr. Kerr-Lawson echo in a remarkable degree the spirit of the text.

*Pan and the Young Shepherd.* A Pastoral in Two Acts. By Maurice Hewlett. John Lane.

Mr. Hewlett may find his inspiration largely in times and places far from our own, but he always contrives subtly to identify the emotions of his personages with those characteristic of human beings in any century. We might say, indeed, that the argument of his charming pastoral, *Pan and the Young Shepherd*, had something in it directly symbolical of just such spiritual adventures as might fall to some youths and some maidens of to-day; but in the appraisal of literature to honor symbolism over-much is to displace the poetry with which it is really intertwined. In reading this quaint little comedy of life in a land so charged with the magic of ancient myth that it seems to be a land entirely incredible, we are conscious only in a vague way of the elements that make the actors kin to ourselves. We could not dispense with those elements; their influence, though vague, is in the last degree important. But the great point is that we feel first and last the poetry of the author's conception. It is good to have him show us the human soul acting under trying conditions in ways honorable and touching. We like the Doric humor that turns the dialogue of his peasants in a speech of the raciest and most tangible character. Every page has an undercurrent of reality. But best of all is the poetic beauty which envelops the whole, making it a fair romantic picture of scenes laid somewhere in the morning of the world. The sweet savor of the earth is in this pastoral dedicated to the god of the wildwood and the stream. Being a poet, Mr. Hewlett feels his imagination most stirred when he is in the presence of Nature; his classical ideas, his sense of modern passion, are joined to an enthusiasm for that loveliness of earth that is apart from all things classical or modern. There are lyrical passages in this book rich in rhythm and charm, but Mr. Hewlett's mode of writing communicates a buoyance also to his prose, and *Pan and the Young Shepherd* may well be considered among the poetic productions of the time.—N. Y. Tribune.

*Selections from the Manuscripts of Lady Louisa Stuart.* Harper & Brothers.

Lady Louisa Stuart was the daughter of John, Earl of Bute, the prime minister and favorite of George III. Born in 1757, while George II. was still on the throne, her life of nearly a century extended to 1851, the year in which Napoleon III. overthrew the French Republic. With her natural gifts of observation and expression, and the advantages of high position and long life, she could have become one of the most

delightful memoirists of her time had she so chosen; but she was shy of appearing in print, and these interesting papers were written only for a family circle.

Her account of John, Duke of Argyll, and of some of his family is very entertaining. All readers of Scott will remember the stately Duke who befriends Jeanie Deans, but Scott gives no glimpse of the peculiarities of his character. An eccentric streak (perhaps due to the "Tollemache blood") seems to have run through that branch of the Campbells. Few things are odder than his second marriage. This great and splendid nobleman, who might have aspired to a royal alliance, fell madly in love with a poor, homely, uneducated girl, with the manners of a dairy-maid, who was not the least in love with him.

Jenny Warburton, daughter of a country Squire, was one of the maids of honor at the court of Queen Anne, where she was the laughing-stock of her companions for her blunt speech and constant blunders. When the great and admired Duke returned from the Continent, Jenny, like all the rest, thought him a very great man. So one day at dinner, when her companions called on each other for toasts, simple Jenny, instead of naming some bishop or octogenarian general, proposed the Duke of Argyll. Shrieks of laughter greeted this announcement; the Duke must at once be told of the conquest he had made—or no, such an honor would make him too proud—until poor Jenny left the table in tears. At the ball that evening the Duke of Shrewsbury told the joke to Argyll, who had been quite unaware of Jenny's existence, but now felt bound to show her some little attention by way of consolation. The result was a perfect infatuation on the part of the Duke, who soon came to look upon Jenny as the paragon of her sex, and, though he could not then offer her marriage (his separated wife being still alive), he spent a portion of every day in her company. When his Duchess died, everybody supposed that Argyll would drop Jenny and seek an exalted alliance; but no, he flew to his Jane, whom he considered not only the most virtuous, but the most beautiful, witty, and altogether fascinating of women. Nor did time nor matrimonial experience damp this ardor; he "remained throughout life a faithful, devoted, adoring lover," while his Jane who had no spark of romance in her cool and placid nature, loved him "as much as she had the faculty of loving anything."

But all the queerness of the Tollemache blood concentrated itself in his youngest daughter, Lady Mary, afterwards Lady Mary Coke, a kind of *Elia Lælia* ("nec vir nec femina, nec virgo nec uxor") among women, whose extraordinary vagaries and experiences would make an admirable novel if we had a Thackeray to write it. Letters to and from Sir Walter Scott and others increase the interest of this appetizing book.—*Nation*.

*Old Cambridge.* By Thomas Wentworth Higginson. The Macmillan Company.

We have here the initial volume of a series of "National Studies in American Letters," edited by Prof. George Edward Woodberry. The general scheme saves Mr. Higginson's book from any suspicion of his attempting to improve on Lowell's "Cambridge Thirty Years Ago," with which unavoidably he competed in his "Cheerful Yesterdays" to some extent, and convinced us that Lowell had not "taken up the road behind him," as goes the country phrase. Mr. Higginson's book treats of Old Cambridge (meaning by that the Cambridge whose history is already made) from a predominantly and almost exclusively literary point of view. He is very generous in attributing to all the Cambridge boys of fifty years ago his own early knowledge of the Cambridge tradition of learning and patriotism. It is, however, probable that he was a distinct example of that precocity which was, he says, "an essential part of the atmosphere of Old Cambridge," and to which Margaret Fuller and Dr. Hedge contributed notable illustrations, Dr. Hedge being fitted for college at eleven, and having read at least half of the whole body of Latin literature before that time. The extent to which Mr. Higginson is able to avoid the matter used in his "Cheerful Yesterdays" and yet write so charmingly is highly creditable to his memory and to the fullness of his reminiscent mind. The repetitions are comparatively few, and generally are frankly introduced as old acquaintances.—*The Nation*.

*The Market-Place.* By Harold Frederic. Frederick A. Stokes Co.

*The Market Place* is as powerful in its way as "Theron Ware" was in a differing line. Whereas the earlier story was a relentless exploitation of a theologic field and the movers therein, this later one is a dissection—a vivisection, one might say—of financial operation in its most bold, bad form. The unpunished rascal is growing to be a familiar figure in fiction, to the sorrow of the old-fashioned novel-reader, but few will complain that Mr. Frederic has made his fraudulent Rubber King an attractive example. Very subtly is the effect produced of the ugliness in a dishonest success—the hideousness of a man who feeds on his fellow-beings; for the novelist contrives that the more thorough the success is, the more hateful it appears; the more the man enlarges his aim, the more monstrous he shows forth; when we leave him about to "stand London on its head" in philanthropic reforms, we find him less justified and less tolerable than at any previous moment of his unjustifiable and intolerable career. He is depicted with amazing cleverness, his brutal nature (touched with occasional tendernesses) dominating every page. The leaves of the book turn as by electric cyclone. The hero's sister, as hard as himself and as scrupulous as he is the reverse, stands out well among the lesser figures. An

American girl, steely, disillusioned, all perceptive, looks out alive. The titled heroine is perhaps less real. The various men of business, victims or colleagues, make a Balzac-like group of figures in their differing and harmonized tints. It is a book of real force, and causes one to ask what heights its author might not have touched, with a longer life.—*The Nation*.

*Nominations for Elective Office in the United States.* By F. W. Dallinger, Longmans, Green & Co.

One of the most valuable contributions to the collection of "Harvard Historical Studies" is the volume entitled *Nominations for Elective Office in the United States* by Frederick W. Dallinger (Longmans). With the exception of "The American Caucus System," published by the Putnam's some fourteen years ago no systematic attempt has been made to consider in all its bearings the very important part played by the provisions for nominations in our governmental machinery. It was for the purpose of supplying this deficiency that the book before us was prepared. The author's aim has been to give an account of the origin and development of our nominating system, to describe it as it exists to-day, and then to point out such evils as have arisen under it, and such remedies as have been suggested for their removal. It is chiefly to the historical chapters, comprising some ninety pages of the volume, that we would direct attention at this time. It is but just to recognize at the outset that the author has approached the question from a strictly non-partisan point of view, and has treated it in a scientific way. The compilation of the materials whereof we have here the digested outcome has, evidently, required a great deal of research.

Mr. Dallinger begins by pointing out that, from very remote times, wherever popular government has existed, the necessity of some method of selecting candidates previously to the formal election has been perceived. Indeed, our word "candidate" is derived from a custom which prevailed in Republican Rome, the custom namely, for aspirants to elective office to appear clothed in the white toga in the forum, there to plead their own merits before the assembled voters. In later times, when the foundations of popular government in England were laid on the ruins of the feudal system, a method of self-announced candidacy similar to the Roman practice is encountered. This usage was supplemented by a system of nomination by small cliques of rich landowners, who on account of the limitations of the suffrage, were able to control the parliamentary elections. There existed, also, the legal nomination at the hustings on "Nomination Day," as it was called, which was open to voters of all parties, and was, in fact, a sort of preliminary test. In case no more persons were nominated than there were members to be elected, there was said to be an "uncontested election." In

England, since 1872, the plan of nomination by a paper signed by ten voters has taken the place of the old nomination day. The recent introduction of a modified caucus system by the Liberal party is a significant change in English political methods. In 1880, Liberal candidates in boroughs, and some in counties, were chosen in local party associations, and appealed to the Liberal electors on the ground of having been thus selected. Five years later, nearly all new candidates were so chosen, and a man offering himself against a nominee of the association was denounced as an interloper and traitor. The same process has been going on in the Tory party, though more slowly. It would be interesting to compare the methods of nomination which have been adopted in France, Germany and Italy, but we must confine ourselves to the history of the American system.

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*Educational Aims and Educational Values.* By Paul H. Hanus, Assistant Professor of the History of Art and Teaching at Harvard University. The Macmillan Company.

*Educational Aims and Educational Values* is, its author, Paul H. Hanus, declares, a book intended for laymen as well as professional stu-

dents and teachers. The position of Professor Hanus as Assistant Professor of the History and Art of Teaching at Harvard University, gives whatever he says on this subject great weight. He is familiar with the bewildering programmes presented to pupils and parents from which to select a course that will produce that dual product, a man with training entitling him to demand wages or salary, and a cultured man to whom the upper realm of thought is familiar and inspiring. Professor Hanus shows the correlation and interchange in these various studies; he sees the whole field of education and its pitfalls as well as its roads leading to the definite results that meet the world's needs. The principle underlying all education is the mastery of the mother tongue. Professor Hanus says: "If instruction in the mother tongue is not limited merely to the study of its form and structure, but really serves as it should, as the means of exploring and interpreting both the world of external nature and the world of man, the mother tongue will be richer in incentives and possess higher incentives than all other forms of knowledge; and it may, therefore, have a higher educational value than all other subjects." This is a profound educational truth that is making itself a conviction in the minds of all interested in education.—*Outlook.*

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## Books Received

**BANKS.**—*John and His Friends. A Series of Revival Sermons.* By Rev. Louis Albert Banks, D.D., Pastor of First M. E. Church, Cleveland, Ohio, Author of "Christ and His Friends," "The Fisherman and His Friends," "Paul and His Friends," etc. (*Funk & Wagnalls Company.*) Pp. viii + 289. \$1.50.

**CORNWALLIS.**—*The War for the Union, or the Duel between North and South; (U. S. A., 1861-1865). A Poetical Panorama, Historical and Descriptive, prefaced by "The Song of America and Columbus, or The Story of the New World."* By Finahan Cornwallis, author of "The Conquest of Mexico and Peru," etc. (Published at the office of *The Wall Street Daily Investigator.*) Pp. 341. \$1.00.

**DRACHMAN.**—*The Nineteen Letters of Ben Uziel. Philosophic and devotional essays on the principles of Judaism.* Translated into English from the original German of Samson Raphael Hirsch by Rev. Dr. Bernard Drachman. (*Funk & Wagnalls Company.*) Pp. 222. \$1.00.

**FERNALD.**—*The Standard Intermediate School Dictionary of the English Language.* Designed to give the Orthography, Pronunciation, Meaning, and Etymology of about 37,000 Words and Phrases in the Speech and Literature of the English-Speaking Peoples, 800 Pictorial Illustrations, Abridged from the Funk & Wagnalls' Standard Dictionary of the English Language, by James C. Fernald, Editor of "Student's Dictionary,"



"English Synonyms, Antonyms and Propositions," etc. 8vo. (*Funk & Wagnalls.*) Pp. viii + 533. \$1.00.

**MYERS.**—Why Men Do Not Go to Church. By Cort' and Myers, Minister at Baptist Temple, Brooklyn, N. Y. 16mo, cloth. 60 cents.

**SANBORN.**—Tact and Other Essays. By Kate Sanborn. (*United Society of Christian Endeavor.*) Boston and Chicago. Pp. 45.

**TRUMBULL.**—Mistress Content Cradock By Annie Eliot Trumbull. Illustrated by Charles Copeland. (*A. S. Barnes & Co.*) Pp. 306. \$1.00.

**WELLS.**—The Essentials of Geometry. By Webster Wells, S.B., Professor of Mathematics in the Massachusetts Institute of Technology. (*D. C. Heath & Co.*) Pp. 39. \$1.25.

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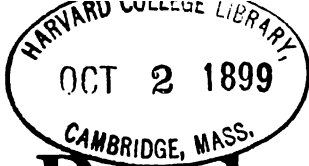
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# Book Reviews

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If we had ease and leisure like that of the old Schoolmen when they quibbled over infinitesimals, we might consider the degree of evolution of this reviewer's moral nature. But now-a-days time is short, and too full of things of real worth to spend in figuring over imaginary quantities. These sentences were, however, actually spoken by a critic on the editorial staff of one of those publications which, upon the appearance of the first volume of Mr. Watson's *Story*, whistled "Down brakes" and "Open switch ahead."

It is hardly necessary to say that as the above critic's has been, evidently, the attitude of sundry and other reviewers of the *The Story of France*. This is clear to one glancing casually through the notices grouped from the north, south, east and west of our newspaper land and piling high in wrath and numbers. Mr. Watson's book on France seems to have met two of the most potent instruments of opposition a book can meet; these two namely, political, religious and academic prejudice and ridicule.

Political journals—many of them, not all—vain-glorious perhaps of the sneer, which in this generation Brunetière has brought to the luminous atmosphere of things literary and to *littérateurs*—met the volume with both ridicule and prejudice. "Pooh! pooh!" they cried, "Tom Watson, the boy orator of Georgia, the man whom loss of fortune compelled to leave school and to look after his own education, the 'Pop.' candidate for the Vice Presidency; his name on the title page! A Middle-of-the-road history of France! Ha! ha! ha! ha! Well, well; what does Tom Watson know about France and French history? Ha! ha! ha! Hum!— But, blessed Herodotus! it *looks* inviting. Perhaps, now, Watson does know where he's "at."—We should note that in any review whatever there always seemed to be a glimmering upon the reviewer's mind of the latter truth.

In papers of less marked party lines and more literary effort—those papers, in fact, in which the reviewing is commonly done by university and college instructors—there was the wail a seeming iconoclasm is apt to bring from those who think their totem poles shattered: "Can this be history? And after all our amens to the bulging theses of can-

\* *The Story of France*. By Hon. Thomas Watson. Vol. II. *The Revolution*. The Macmillan Company.

didates for the degrees of Ph.D. and A.M.—our commandation on the octavos of men who have pulled over grimy manuscripts from Mt. Sinai round the earth to Mt. Pisgah—whose rhetorical flutterings we have long applauded, whose dry pap from “original sources” we long have proclaimed the only wholesome nourishment, whose indigest we have long termed history.

“What more can men want than such works afford? Macaulay, did you say?—bah! Macaulayese. Hallam?—tantalizing and unpenetrative mediocrity. Carlyle?—an epical excess. Bunsen?—illogical pretentiousness. Mommsen?—too ponderous. Curtius?—passé. Freeman?—well enough, if you don’t scan his dates too closely. Michelet? Ah well! Have done. These are all rhetoricians and aiming at readers. What we want is history—something that nobody can read but the writer and the proofreader—of these two we are sure—and, supposedly, those members of the faculty that vote their candidate his degree. That is what *we* call history.

“No,

‘We are the masters of a college  
And what we don’t know is not knowledge.’

“Savage Walter Lander was never more vainly atrocious than when he said that those who had failed as shoemakers turn cobblers, and those who had failed as writers turn reviewers. We direct historical literature. To the dog of the three heads, with all that is not academic. Why, the very first quality of this *Story* is its readableness—that quality rarest in history made now-adays.

“Besides, what college or university stands for the ‘long-continued struggle of the many to throw off the yoke of the few,’ to show which was one of the motives, the author says, which led to the work, or what college stands for labor and its people? To praise the book we should be deemed crack-brained and lose our places. Colleges stand for what has been, not for what is, or may be. They are conservators, not projectors. The author is on the weak side and it is safe to oppose his work. Besides, it is popular, and we have our doubts about popularizing knowledge. Above all, history, the readable or the unreadable, is too heady for all brains.”

This was a general tone. But reviewers went so far as to name specific charges of error and incompetence against the author. Here was something better; most gratifying, indeed, for a specific charge is, at least, overt and get-at-able. Let us look at a few instances, and from them we may judge the whole.

On page 25 of Vol. I. Mr. Watson, in his account of early France, says: “Some Goth like Odoacer will tire of the farce; and he will take the crown off the head of the worthless Roman and put it on his own.” “We waive the question,” says one reviewer, “which might arise here over the statement concerning Odoacer’s origin, to point out the notorious fact that when Romulus Augustulus abdicated the imperial crown was sent to Constantinople.” Now could any misconception or hypercriticism be funnier? The dashing, sprightly, imaginative, versatile author, seizing always the picturesque and dramatic, uses a figure of speech, just such a figure of speech as is in all vital histories—even, by the way, at the very opening of that of Anna Comnena (hers not so vital but still for centuries has endured and for centuries will endure) when she speaks of herself as *πορφυρογέννητος*, born in the purple—so this active Georgian, Thomas Watson, with his lively, penetrating humor and flow of graphic narrative talks of “wielding the sceptre,” or rather “seizing the crown” and straightway Dr. Sèche-Poussière, who, as his name indicates, has not mental suppleness and imaginative warmth—Doctor Sèche-Poussière, we say, does not see that the author does not mean a

gold bauble worn like a pot hat, put off and on, as tangible and material as any "tile" bought at Henry Heath's or Dunlap's, but that he does mean sovereign power and uses the word as synonymous with sovereign power.

This is only one instance. It is as amusing as any. But there are others. Some accuse the writer of the book of levity. Now, again, we may ask, can or should a writer of real history, and that French history—any writer except perhaps a Pecksniff—be solemn on all topics? Is not a part of life laughter-causing? Should not the detailing of life be in keeping with the subject? [Vide Aristotle and Longinus]. In all those centuries the lively French must have indulged in many a gaiety, far more than is now among their anti-Semites and Dreyfusards. Should not the echoes of their lighter moments stir us as well as the echoes of their woes?—to be true history?

But further, is the author ever irreverent when the subject forbids? Is he not always quick in sympathy with suffering, and appreciative, in an unmistakable manner, of all that is genuinely beautiful, and all that is genuinely true? Does he not confine his levity to a mockery of solemn humbugs, childish customs and degrading superstitions? He knows, doubtless, that ridicule of an error is an effective way to kill it, and, also, from a literary point of view, he knows, doubtless, that such lively sallies as he has made, hitting off what each one of us has thought and but few of us audaciously put in words, that this very quality—life, motion, joy—makes the book popular with readers. And there is no denying that to be popular with readers is an author's desideratum. It is the popular reader the book is for. The author has written for the people, not to please the savants. "They know too much already," we seem to hear somebody say. "And they have histories of their own," the voice continues, "and like them better than any Christian not a professor will ever write."

Again, one critic finds fault that no mention is made of the sojourn of Julian the Apostate at Paris. "Ubinam gentium sumus?" Where in the world are we at? What has that to do with the *Story of France*? Surely the author might as well have been censured for not mentioning the sojourn of Benvenuto Cellini at the court of Francis I. or the stay of Dreyfus in some peculiar appanage of the devil. Indeed, the artist, Cellini—to say nothing further of the captain—left a deeper trace upon French history than did Julian the Apostate. In one volume it is a physical impossibility to embrace everything. The *Story* is not in a hundred. As Napoleon said, French history should be written "in one volume or in a hundred." In adhering to the one-volume method our author has to measure and weigh what is most necessary to his end—which does not include an account of the sojourn of Julian at Paris in and before the year 360 A. D.

Again, the author is blamed for frequent transitions from past to present tense. So clever a master of sentences as Mr. Watson knows best what he wants in rhetorical effect. But think who would go down if such censure were made universal. Carlyle, Taine, Michelet are constantly breaking the monotony of narrative in this way. Also many a one we do not pause to name. Why, then, should Mr. Watson, the latest writer on things French, be singled out for castigation? Critics do not blame others for such changes. Why blame him? Is not this "picky," as children say?

Still, in another review, another critic grows merry over the author's temerity in daring to challenge Michelet's opinion that serfs did not avail themselves of the legal privilege of purchasing their freedom. Why, then, should an opinion of Michelet become an historic fact? Why has not another student the right to an opinion that a serf who found a chance to buy his freedom at a small price would buy it? In this



way the author accounts for the rapid disappearance of pure villeinage and serfdom. It is his explanation of the fact. If you hold another, well and good. That, however, is the author's—he that is writing the book—and has he not a right to state it and to a respectful hearing among just and gentle folk?

And still another instance. One of the religious critics scouts the statement in the *Story* that Martin Luther's wife was left so poor that after her husband's death she "was reduced to beg her bread through the streets of Wittenberg." And yet in standard lives of Luther you will find the fact adverted to. In truth and in fact, Catherine at last became a public charge upon the devotees of the Reformation. 'Tis true, 'tis pity. And pity 'tis, 'tis true. But how often in the history of our race have the families of reformers not come to want?

What appears a matter of more serious import in another reviewer's eyes is the assertion that the Franks had no money and no commerce and manufactures, and yet paid pecuniary fines for crimes. And yet in this there is no contradiction. They had no commerce. But to say this is not to say that they never traded horses after the manner of David Harum and his Deacon in our day, or sold a cow for a sword, or a slave for an amphora of sweet wine that they would bury in the earth to cool. They had no manufactures. But this does not mean that they wove no coarse cloth and made no weapons and household utensils. No people since human eyes first recognized the fair light of day upon the tableland of Iran have been so primitive that they had not some utensils and necessities. Look at the American mound builders, or the American Indians. They made huts, clubs, pipes, hatchets, pottery, bows and arrows. Would a reviewer be justified in misunderstanding your meaning if you said the Indians had no manufactures, no commerce? "They had no money"—this does not mean that they were destitute of coin entirely. That would be impossible, for travelers went to and from Rome. The author had already shown how the Romans brought in a small amount of coin and how the chiefs coined a small amount of metallic money. This being a fact, what would be the fair construction of the author's statement in summing up the case? It would be that they had no commerce as we understand the word: that they had no manufactures, as we understand the word; that they had no systematic and adequate supply of currency, indispensable to a state's commerce and manufacturing. But this is all plain to those who can and do see—to those with half a mental eye.

As to the talk about the money settlement for crimes, it smacks of hypercriticism that the statement of values in dollars is queried. Could any other money system be so familiar to the average American reader? Even the most youthful of the Dryasdust family commonly knows that dollars, the American coin, were never in circulation among the Franks, that the sum of dollars mentioned was merely an equivalent to the fines imposed, and that the price fixed in German terms meant so many dollars in American coin. The price being fixed the payment could be made in cattle, in horses, arms, produce, and was rarely paid in money—never in dollars, we hasten to add.

And yet one more instance: it must be the last. One of the attacking corps insists: "The ethnological relations of the Gauls and the blue-eyed Franks are not very coherently set forth, while such an extravagant theory as Mr. Watson's, that the aristocracy of 1789-93 was Frankish and the revolting commoners Gallic, is likely to shake the faith of well-informed persons at the very start in the fitness of this historian for the task he has undertaken."

And yet Napoleon said: "In France the revolution was the rising of one portion of

the nation against another—that of the Third Estate against the nobility. It was a reaction of the Gauls against the Franks." Then the Abbé Siéyès, too, a master of French political history, you will remember, always alluded to the French Revolution as "the revolt of the Gauls against the Franks." Surely Napoleon was a competent judge in such matters, and in writing political history Mr. Watson is justified in following such thinkers as he and the Abbé Siéyès.

These are a few of the adverse criticisms and among the first in importance of those which have been printed. Others often resolve themselves into a question of following one writer or another, one authority or another of confessed equal weight and value. And their contention is as the crying of cranes.

By the whole chorus, however, one is reminded of the young scoffer at the literary value of the Psalms who some time since told an old doctor of divinity that anybody could patch up a parcel of sounding phrases such as those songs of David.

"So?" returned the parson, glancing over his spectacles, a genial smile lighting his countenance, "Well, just go ahead and write a few."

Or one is reminded of the instance of the "new" woman established as critic over an encyclopædic work—one of those safe cures for literature now going—who told the writer of an article on Anacreon and Anacreontics that the work was bad, and after being frankly asked in what respect replied: "It doesn't show the influence of Anacreon on Shelley!"—Ach; lieber Apollo!

Or, still further, it recalls the old, old fable of Æsop, that about the man, the boy and the donkey (the latter of which it seems in the ancient times was drowned) and the *hoc docet*: "Please all and you will please none."

"No," as our friend, Andrew Lang, hath said of late, and as our friend Thomas Watson hath doubtless lately learned, "it is not all beer and skittles, history."

Political papers hardly went into the detailing, dove-tailing, unimaginative minutæ reviewing, as we have said. With the ease and methods of politicians in meeting an adversary they often condemned at one fell swoop—when they saw the author's name upon the title page. To the logical mind such methods are of no value. But are politics or politicians distinctly, unimpeachably logical? With the methods such papers used they could deride the Gospel of Matthew, or Shakespeare's plays, or Mommsen's *Rome* with equal effect; with equal effect they could deride any book. With such methods, such lack of grasp, such lack of general knowledge, such lack of subtle understanding and penetrative judgment and human warmth—these last three being the reviewer's best gifts in his work—what a dash they would have at Gibbon or Froude, supposing those eager spirits were now in the flesh and issuing their books through the Macmillan presses!!

Mr. Watson is neither Gibbon nor Froude, he is quite himself, *sui generis*, as most sensible, active-minded, independent folk are. He has written a popular history, or, as he prefers to call it, *Story*, in a most delightful manner; and his point of view, again we must repeat, is his own. He has his own conception of the meaning of French life and French people, and his own historical consciousness.

"To note the varying forms of government," he says in his preface to the first volume, "to trace the ancient origins of modern laws and customs, to mark the encroachment of absolutism upon popular rights, to describe the long-continued struggle of the many to throw off the yoke of the few, to emphasize the corrupting influence of the union between Church and State, to illustrate once more the blighting effects of superstition, ignorance, blind obedience, unjust laws, confiscation under the disguise of unequal taxes, and the systematic plunder, year by year, of the weaker classes

by the stronger, have been the motives which led to the enormous labor involved in this book."

Volume II., of which the first copies are about to push from the press, follows up the lines of Volume I. and is a fitting comrade for its mate. Its subject is the French Revolution. Like the first book this second has been written *con amore*, and all the way through, its pages bear witness to a living sympathy. Here again the author is still engaged with the plebs, in telling why they had their innings after centuries of the outs depicted in the first volume, and to show how natural it was when once, after great ardor and agony, they had gained their innings they should swing to excess. A deep distress had, indeed, humanized their souls only in part. They guillotined. To be sure. From whom had they had a better example? And was not that indisputably a humaner method of taking justice—or what they esteemed justice—on their foes than those very foes, King or Church, had practiced towards them through many centuries? In their horrible Terror they "imitated the intolerance of the old régime," says Mr. Watson, "but not its legalized cruelty."

Open the book as it falls and take the first sentence your finger falls upon. Has it not some straight, pointed, gleaming particle in it? "Mirabeau lives like a prince and works like a dynamo." Take another and a longer extract—that upon which your hand lies—an estimate of the Ancient Régime :

"And yet Talleyrand sighed for a return of these 'good old times'! 'Paternal care,' writes Talleyrand, 'had not yet come into fashion. The fashion, indeed, was quite the reverse.' At another place he says, 'I was then eight years old, and the eyes of my parents had not yet rested on me.' Hard and cynical as Talleyrand was, his Memoirs prove that he keenly felt the neglect, and the isolation of his youth. Not for one week in his whole life did he 'enjoy the sweetness of being under my father's roof.' What sort of impression did this method of training give its victim? 'I formed no intimacy. I did everything in cross temper. I had a grudge against my masters, my parents, institutions generally, but chiefly against the sway of social propriety to which I saw myself obliged to give way.

"Many years later, when the system Talleyrand hated in his youth, and regretted in his old age, had been overthrown, Napoleon Bonaparte, casting about for a woman fitted to take charge of his great school for the training and education of girls, naturally thought of Madame Campan, who had founded a successful school of her own after the Revolution.

"What do young women chiefly need to be well brought up in France?' asked the Emperor.

"Mothers,' answered Madame Campan.

"It is well said!' responded Napoleon, and he put her at the head of his school.

"Talleyrand's youth was no exceptional case. The parental tie was almost cut in twain, and children were given over to the professional nurses and tutors. Boys and girls were packed off to the convent to be out of the way of pleasure-seeking parents. The mother called the daughter *Mademoiselle*, and allowed her to kiss the parental hand, respectfully at toilet. The father called the son *Monsieur*, and permitted him to come with his tutor and dine once a week. When the daughter arrived at the troublesome or marriageable age, the parents arranged a suitable match for her, with a man she had probably never seen. When the son had finished his course of study, he was given an office in the Church, or in some department of the service of the State. Parental care and responsibility went no farther. As to husbands and wives, we have already seen what their relations were."

The book is intensely biographical. Those chapters for instance, which depict Mirabeau, Danton, Robespierre, Louis XVI., Marie Antoinette—you might almost say they were humorous in their humanness. You would surely say they are luminous in their range and historic incident and characterization. They are

splendid in the old sense of the word—shining ; their flow and vivacity and ésprit never flag.

These paragraphs are of the opening of the States-General :

"The court, pursuing its purpose of marking off sharp divisions among the members, had formally issued instruction requiring that the old costumes of 1614 be worn. Clericals were to come in regalia, nobles in the uniform of their order, and the commons were to don the plain black mantle, and the unlooped, unfeathered hat of the Third Estate. Everything must be done, from the beginning, to impress the untutored mind of the commoner with the fact that he belongs to another and a lower world. Inferior politically to nobles and priests, his inferiority must appear by his dress. His badge of humiliation must be worn publicly in order that there may be no mistake as to the lowliness of his position. Imagine how soothing this must have been to the pride of such men as Mirabeau, Mounier, Barnave, Bailly, Condorcet, Target, and Siéyès. Not that they cared for the dress itself, but that the court had presumed to dictate to them a costume which was out of date, and which was only revived for the purpose of emphasizing the subordination of commoner to the higher orders.

"Moving about Versailles in their plain black garb, the deputies of the Third Estate are shunned by courtiers, and slighted by the servitors about the palace. Granted by permission to be presented to their king, they see themselves postponed to all the nobles and to all the priests. The same odious separation is enforced. Delegations do not go in by districts, but each is divided, and the commoners come last every time. Conducted up the grand marble stairway, which is lined at every few steps by liveried lackeys, the commoners are marshalled in a vast hall, are passed by the master of ceremonies before the king, who stands stiffly in the middle of the room, with his hat under his arm, and who never once opens his lips until every deputation has been presented. Then he says he is rejoiced to see them, and he disappears from view through a side door. Released from the reception room refrigerator, the rural deputies go back as they came, chilled to the bone by the icy welcome they had received.

"On Sunday, May 4, 1789, the gorgeous procession which was the prelude to the formal opening of the States-General took place at Versailles. It has been so often described that to most readers it is familiar. The city overflowed with people from Paris and from all parts of France. It was a great historic day, was felt even then to be so, and public interest was intense. The weather was perfect ; the clear sun falling softly and radiantly upon the tender foliage of spring—just such a day as tempted the most indolent to the open air, and invited vain men and lovely women to array themselves in the most elegant attire. Double lines of costly tapestries hung in the streets along the route of the procession, every balcony was gay with brilliant streamers, pennons flashed, and there was the gleam of sunbeams on the dazzling uniforms and burnished arms of the Swiss and French Guards who stood in double file along the streets.

"Not only were the avenues packed with sightseers, but the balconies were crowded, the windows full, the very roof covered. Standing room was at a premium, and to be invited to a place at a window was a favor which ambassadors of great nations thankfully accepted.

"The Church of Our Lady was the meeting-place of those who were in this display. To this starting point came the deputies of the Third Estate clad in their plain black uniform as per orders of the king. The nobles came in gold-trimmed mantles and white-plumed hats ; the princes of the Church in purple and fine linen, in violet cassocks and scarlet capes. The king came attended by queen and royal family, and the principal officers of the crown in state coaches of the grandest sort, drawn by horses whose harness shone with ornaments, and whose heads were covered with plumes. The entire household of the king swarmed out into the sunlight, to dazzle a curious world, equerries, mounted pages, falconers with falcons on their wrists, chamberlains, servitors of all degrees, paraded in holiday garb before the state coaches which bore the king and queen.

"The *Veni Creator* having been performed the procession set out from Our Lady to traverse the town and reach the Church of St. Louis. Through enormous crowds the parade moved slowly, Third Estate in front, nobles next, clergy next, and last of

all the Holy Sacrament and the king. The water and the wine were borne by the Archbishop of Paris; bishops surrounded him and a sumptuous canopy covered him, and the cords of this canopy were held by princes of the blood, Provence, Orleans, Angoulême and Berry. Behind the canopy walked his Majesty, Louis XVI., wearing a robe of cloth-of-gold studded with diamonds, and bearing in his hand—what? A wax candle. Near him was the queen splendidly dressed and with crown imperials intertwined in her hair.

"The procession advanced amid enthusiastic shouts. Choirs stationed at intervals filled the air with music. The roll of drums, the blare of trumpets, the martial strains of the military bands, the chanting of the priests, each heard in its turn, enlivened the souls and quickened the pulse of the most insensible, and cheer after cheer rent the air. Who cannot shut the eyes and see it all, hear it all again? Whose memory does not linger upon it with pensive regret? The day was so bright and the people so radiant with hope! There are the joyous multitudes greeting the dawn of a better day. We look to the long, broad avenues, and they are dense with eager crowds; we lift the eyes to windows, and they are bright with happy faces; to the balconies, and they flutter with waving handkerchiefs, and to the roofs, and they are alive with rejoicing thousands. The stately procession, embracing all that is dearest to Frenchmen, passes in review. All the family are there—nobles, churchmen, commoners, king and queen. For the first time in history they are all united. For the first time they are going to work in unison to the salvation of the State.

"'Praise God from whom all blessings flow,' priests may well chant in reverent mood, music well may burst forth in all her varied tones! Bugles cannot blow too loud and clear the glory of the day. Drums cannot roll too grand and deep, martial strains cannot soar too high. France has seen no such day as this since the German enslaved the Gaul. 'Long live the king!' The old cry rings from every lip, finds its echo in every heart. From one end of the town to the other, all the way from Notre Dame to St. Louis, the shout goes up from ten thousands of throats, 'Long live the king!' Alas, the queen too is there, and not a soul cries, 'God bless her!' Ominous silence is her greeting from assembled France. Some women in the crowd, with malicious intent to affront her, shout, 'Long live the Duke of Orleans!' and the haughty queen well-nigh faints under the public insult.

"But while there were cheers for the king, for the duke, and for the deputation from Dauphiny, the real heart of the crowd went forth to the Third Estate. To cheer the king was a habit—a habit as old as the monarchy. In most cases it meant no more than the social inquiry of 'How's your health?' To cheer the Duke of Orleans was a passing fancy. There was no depth in it. But the Third Estate was the nation itself. If the heretofore unrepresented bulk of the French had any hope at all, it was there. If the plain common people had any resolute friend, champion, defender in all that procession it was there! The Church could have espoused the cause of the oppressed long ago, but it had not; the nobles could have done so, but would not. The king himself might have done so, but did not. All eyes turned, then, to the Third Estate. All hopes were hung on them. They and the people were one, united by a common interest, necessity, ambition, and determination. Loud as were the shouts for the king, those for Third Estate were louder still. 'Long live the Third Estate!'"

The Rembrandtesque throwing of strong light upon a part of the picture and drawing the rest in shadow, the chiaroscuro, which was notable in the first is also evident in the second book. It gleams out continuously even when the substance is more centralized and in hand, and the unity of time is complete. Such methods inhere in the subject, but they are also in Mr. Watson's mental constitution and will be in anything he writes or does; they belong to his temperament, his climate, his people; they are a part and a result of his modernity.

The author, as we have somewhere said, is the born talker—the orator—who loves to deck out a subject in all the fineries of rhetoric and mellow humor, animate its body with human warmth and sympathy and set the whole figure out for the pleasure of

others and his own joy in the work. That is his delight in a literary sense, and this and his faith in his own brilliant story-telling make the fascination of the tale.

One must bear in mind that it is a *story*—an integral, united, continuous whole to the great catastrophe of which the previous centuries were leading—that it is a story the author is telling, a tragedy involving not one or two persons like the ordinary story, but a great people and all the peoples of the earth through that one race. The naming is a clever device and if Mr. Watson chose to stand by that alone he might take the edge quite off the battle axes of the political reviewers and the force quite out the ferules of the Sèche-Poussières. But the book is history and readable history, grounded on human nature, human sympathy and mother soil and mother wit. It is readable, we must repeat, that quality which has come to be almost a bygone in this time and generation—for what with Teutonic doctors' theses, and academic dispensations in historic study, we have almost come to forget that readable should be a quality in any and every account of the human race.

And still once more let us say that like Volume I. *The Revolution* is not academic—that supervenient which, coming to a book like the yellows in peach trees, or the curculio in the plum, takes away all juice, strength, viridity and life. It is not a learned history in the sense of those historians who quote countless authorities in notes and addenda, and do not evidence by the substance of the book that former masters and recondite authorities have been read, studied and digested. It is not a learned history in the sense that it does not hang out a danger flag in the shape of an appalling bibliographical list to warn readers off, and to invite the envy of historians who did not in their lumbering tomes boast so long a catalogue. No, it is not such, and no amount of patching on of dull colors will make it learned in the academic sense, unless forsooth you cover it with lifeless, gray narrative, befog its sun-clear atmosphere and shut out its moving light and brilliant color.

But you will find all criticisms narrow beside the work they attempt to censure.

KATE STEPHENS.

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### THE NEW JAPAN.\*

JAPAN, most mysterious and fascinating of lands, has at last taken her place among civilized nations, entering on her new career with an impetuous vigor and an easy adaptation of Western methods that promise an amazing development. Strong, indeed, must be the character and intellect of a people capable of such revolutionary changes. He who would learn "what manner of men these be" need only turn to the animated and sympathetic record of her life in Japan in the early nineties, set down by Mary Fraser, wife of the British Minister. Observing with kindliness, with rare intuition, with most generous judgment, this lady has shown us the real Japanese in so far as any occidental may know him. That is not very far, perhaps, for Mrs. Fraser tells us that the character of the people is many-sided and complex—

*\*Letters from Japan.* By Mrs. Hugh Fraser, author of *Palladia*, *The Looms of Time*, *A Chapter of Accidents*, etc. The Macmillan Company.

*The Customs of the Country*, tales of New Japan. By Mrs. Hugh Fraser, author of *Letters from Japan*. The Macmillan Company.

simple to frankness, yet full of unexpected reserves, of hidden strengths, and dignities of power never flaunted before the eyes of the world ; but of these things she has revealed to us enough to evoke our cordial respect and admiration.

Here is a nation moved, in sober reality, by love of country, sense of duty, the highest ideals of loyalty and heroism. The Japanese child is taught, as soon as it can understand anything, the lessons of spotless honor, of filial duty, of kindness and consideration for others, of patriotism and reverence for all things good and great. It is as certainly practical daily teaching as is the occidental training in arithmetic and spelling, and the principles inculcated wear well in daily life. This grave belief in abstract things is, if we may believe our author, at the root of Japan's suddenly-manifested strength. The omnipresent emblem of the male child is the carp which has, in Eastern waters, the distinguished merit of swimming up rapids and has thus come to represent the virtues of perseverance and fortitude. Always before his eyes in countless forms of pictures or banners the little Jap could not forget if he would the symbol of the brave youth who overcomes the difficulties and obstacles of life. Physical exercises that give strength and courage, mortification of the flesh, hard self-denial, unflinching courtesy—these go to make the Japanese a gentleman and a soldier. What Mrs. Fraser conceives to be the flower of this training we may see in the hero of her delightful short story, "A Son of the Daimyos."

The education of Japanese girls is, of course, in many ways narrow, but it leaves them marvellously unselfish, lovable and well-bred creatures. Western readers and theatre-goers have had a surfeit of representations of the *musumē*, the plebeian tea-house girl and of the *geisha*, the dancer and singer ; there be those who think, apparently that there are no other women in Chrysanthemum-land. Mrs. Fraser, happily, has shown us the normal Japanese girl, the carefully brought up daughter of a quiet home. She, too, is held to the loftiest ideals of heroism, of self devotion and filial piety. Always before her eyes is kept the law of Duty. "Very gently but persistently one lesson has been preached to her ever since language meant anything in her ears—'Give up, love, help others, efface thyself.' \* \* \* In real womanliness, which I take to mean a high combination of sense and sweetness, valour and humility, the Japanese lady ranks with any in the world and passes before most of them." Love, as Western wives understand it, does not enter into the scheme of Japanese marriages, which are arranged by parents or friends, but the solemn feeling of duty which takes its place seems to serve as well. "You exclaim as you hear of some amazing piece of heroism 'How the woman must have loved the man !' And your friend, your little Japanese friend, looks up into your face with her childlike smile and some surprise in her dark eyes : 'Oh no, it was her duty—he was her husband.' " The "great lady" of Japan is the busiest of her class in the world. She has sole charge of her children's education, health and morals, and she manages her husband's property and income as she will, the steward who assists her reporting only to her. In all this she is brilliantly successful, showing, we are told, remarkable good sense, economy and business ability. As for the world of society, its gates are opening wider every day to these gentle dames and they are not unresponsive, but in only two instances have they attempted to maintain a salon or exercise any political influence. The Japanese literature of the past had many a notable work from feminine pens and again, perhaps, inspiration may return to those quick brains with the influx of Western ideas.

Her children are a Japanese woman's supreme glory and happiness. The love of children, indeed, is recognized as a national virtue. Everywhere kindness, care and

protection surround the little things—the “treasure flowers” as they are called. “From one end of Japan to the other,” says Mrs. Fraser, “a child is treated as a sacred thing, be it one’s own or a stranger’s. Each little one carries its name and address on a ticket around its neck; but should it indeed stray from home, food and shelter and gentleness would meet it everywhere.” When one of the many fires that destroy the frail dwellings of the city begins its course, the first thing that is done is to collect the children from all the houses of the quarter—they are placed in safety before anybody tries to fight the flames. With all this tenderness the Japanese child never presumes and is in truth the most winning, tactful, polite, truly considerate and truthful little bundle of brilliant silks in all the world.

The author notes that in Japan there has been since the dawn of history no real change in the values of the important affairs of life. Such things as have been borrowed from other nations have been incorporated without introducing any marked resemblance to the nation from whom they were borrowed. The Japanese take up new ideas with enthusiasm—sometimes only to drop them as unsuitable. They do not imitate—they assimilate if it seems good to them—and thus they are in a fair way to get the best that Europeans have to offer. It is significant that Prince Haru, the heir to the throne, has been educated after the Western fashion, has mingled with his future subjects at school, takes cold baths, is a splendid fencer, and is particularly fond of horses. In one at least of the learned professions in which the Caucasians plumes himself, the Japanese have attained unusual skill, and that is in surgery. Their calm nerves and delicate hands enable them to do wonderful work in operating.

Politically and actually the Emperor leads his countrymen in new ways, and is, in truth, a man of strong and fine character, one of the most upright and progressive sovereigns of the world. It was innate power that made him what he is, for his boyhood was spent in demoralizing inaction under the tutelage of the Shogun, hereditary regent and first subject of the throne. Until he was sixteen, it is said, the Emperor was carried from room to room, he never stood on his feet or even fed himself. But when freedom came at that age, he sprang to those unused feet at a bound, rid himself and his country of the weakening Shogunate, and has since then steadily pressed forward into the van of civilization, readily limiting his own power by the granting of a Parliament, and a Constitution, and in all things considering his country before himself. He may firstly be esteemed a patriot in the loftiest sense of the word.

His course is not altogether plain sailing, for though as a nation, Japan has kept pace with him, there is still to be reckoned with a band of fanatics who hate the foreigners and foreign ways, and who regard with horror the changing of ancient customs. Of this class was the half mad being who attacked and wounded the Cesarévitch (now Emperor of Russia) during his visit to Japan. The loyalty of the mass of his people to the Japanese ruler was strikingly exhibited in their almost frantic outburst of shame and sorrow over this outrage on his guest. The theatres were closed, the shops and markets abandoned, and the Cesarévitch’s ship was heaped, decks, saloons and passages, with gifts of sympathy and contrition. Wonderfully rare and beautiful things were sent by the rich, but most touching were the presents of rice and fish and barley-flour sent by the poor—all they had to give, and what they could ill spare. It is said that poverty-stricken old peasants walked for days to bring a tiny offering of eggs. Upon all this grief there followed a noteworthy instance of adherence to law and the oath. Special protection had been assured to the Cesarévitch by personal promise of the Emperor, and the latter, in his humiliation at having his word broken for him by the would-be murderer, demanded that the criminal be executed at once.



The judges replied : "Your Imperial Majesty may remember that you have graciously granted a Constitution, in which it is promised that criminals shall only be judged and condemned according to the laws which have now been promulgated ; in those days such a case as this was not foreseen, and therefore we can only award of this man the punishment incurred by one who assaults and wounds any other person to any class whatever. We regret that we cannot carry out your Imperial Majesty's wishes. Tsuda Sanzo will undergo a term of imprisonment."

"Tsuda Sanzo will be executed," the indignant Emperor replied. "Let it be seen to at once."

"Then," said the courageous judges, "Your Imperial Majesty will dispense with our poor services, and find some one to carry out your august commands who has not taken the oath to administer the laws according to the Constitution."

But the Emperor was too upright not to see that they were in the right, and it is said that he was pleased with their justice and courage.

So long as Japanese judges maintain such integrity foreigners need not fear submission to their courts. The withdrawal of the foreign judges is referred to many times in Mrs. Fraser's pages, for all through her residence in Japan it was the burning question among statesmen and diplomats. In its recent settlement Japan has made a step forward of incalculable value.

The chief trouble and embarrassment of the Government is in the class of *Soshi*, youths who have received a modern education, believe in very little, and hate the foreigner with the inherited hatred of centuries. They claim "Japan for the Japanese," want the foreigners expelled, and the old regulations put in force, and in their crazy turbulence and readiness to kill form a very real danger to the State. An underlying cause of their fury, and of their distaste for foreigners, frankly avowed by their cooler countrymen, is the necessity of allowing those foreigners so large a share in the work of modernization. The native law students, for example, protested vigorously against the codification of the laws, for which they declared the country was still unripe ; but it is suspected that their dislike to the new code was grounded on the fact that it was a task which could only be carried out by foreigners. It would be unfair, no doubt, to condemn the Japanese for wanting to hold their own offices ! The elections are, as a rule, quiet enough, and though a few of them have been invalidated on account of bribery the new methods work with reasonable honesty and despatch.

Mrs. Fraser's letters are full of womanly wit, significant anecdote and personal description. The beauty, the poetry, the glamour of Japanese scenery and Japanese art live in these pages and give them an irresistible charm. In short these are delightful books and more entertaining than most novels. Furthermore they form a work of permanent interest, one which will be read with eagerness after the aspiring Oriental nation has ceased to be called "New." The reader will be glad to find in the author's volume of tales of New Japan a beguiling amplification of romantic outlines indicated in the *Letters*. Humor, pathos and sentiment combine with her experience and knowledge to make her as effective in her fiction as in her graver volumes.

## MACMILLAN'S AUTUMN FICTION.

THE whole-souled lover of books, he who loves the Whole Book—manner, matter and make-up—and who brings to good fiction a healthy appetite and a discriminating palate, will sit down with rare zest to the feast of good things set before him in the Fall Fiction which bears the Macmillan imprint. It was Lamb—gentlest of bibliophiles—who said that he could read anything he called a *book*, and who blessed his stars for a taste so catholic, so unexcluding. But he was careful to qualify the statement by excluding “books which are no books”—things in that shape which he could not allow for such. His catalogue of things masquerading as books was a comparatively short one. After him came the deluge of *books which were no books*, printed puerilities, “‘things in books’ clothing,” as Lamb would have called them. His latter-day list would have been longer. We can imagine with what delight he would have turned from the making of such a list of literary pretenders to a table spread with the publications of the Macmillan Company for the Fall of 1899, how emphatically he would have claimed every volume as a *book in books’ clothing*, and with what shy satisfaction he would have shared with Mary Lamb the pleasure of finding among the number their own charming story—*Mrs. Leicester’s School*—beautifully bound, and illustrated—we may believe—beyond the happiest dreams of either.

The whole showing is indeed a bewilderment of riches. We turn from the brilliant and noteworthy names—Zola, Crawford, Zangwill, Hewlett, Garland and the rest—to the books themselves, to find that they bear out the promise of the names. We notice the exquisite illustrations, the distinction of cover and binding, the admirable type, and we marvel anew at the completeness and importance of the whole output.

France, making her own unhappy history at the century’s close, shaken by a thousand warring passions, the despair of her lovers, the mock of her enemies, has still some faithful friends who believe in her, and in her future. Of these is Emile Zola. His passion for truth which voices itself in the ruthless realism of his writings found new expression in the Dreyfus Case, and proclaimed him Idealist in spite of himself.

It is Zola the keen-eyed analyst, the hater of shams, the realist who speaks in his new novel *Fruitfulness* (Fécondité) which will be published by the Macmillan Company in October. But it is also Zola the Idealist, the believer in an ultimate triumph of humanity and the social order who makes in this novel the most powerful appeal of his or any age for the home as an institution and the family as a national necessity. *Fruitfulness* which is bound uniform with the *Lourdes-Rome-Paris* trilogy is symbolic as these are symbolic. It is the first of a series of four—the three others being *Work*, *Truth*, *Justice*, names equally significant of that triumph of the social order to whose advancement Zola is devoting the force of his genius. In English the title of the book will be a literal translation of the French name. Editions in German, Danish, Norwegian, Italian and Spanish will be published simultaneously with its appearance in book form here and in Paris. *Fruitfulness* is a magnificent expression of Zola’s belief in the family—the family pure and simple, uncorrupted and undegenerate—as the first great human institution upon which all the others must depend. He brings to this exaltation of the domestic ideal, the trenchant touch, the virile style, the wonderful grouping of contrasted conditions into a powerful whole of which he is past-master. A weaker writer seeking to glorify the ideal life of a large and virtuous family would be afraid of his shadows, he would shrink from exhibiting an earthly hell side by side with an earthly paradise. But that is not Zola’s way. He tears aside the curtain ruth-

lessly, showing humanity in the mire, creator and victim, producer and product of the social and economic conditions which placed it there. Yet the dominant note is one of cheer. To quote from the Introduction to "Fruitfulness" prefixed to the opening chapters in *L'Aurore*. "In the pages of this novel, full of joy and charm, there is the triumphant song of the all-conquering family—the family which conquers by virtue of its numbers, which brings to the country and to humanity the hope of to-morrow, health, joy, indomitable energy in the interest of the coming society and for the erection of justice and truth."

From Zola to *Henry Worthington*, *Idealist* seems a far cry. The passionate abandon of Paris seems infinitely removed from the delicate restraint and tranquil tone of life in the college town where Miss Sherwood's hero—professor, enthusiast, economist, lover—struggles and suffers for "a dream of good." But in both stories it is the bitter problems of our complex civilization, problems social, economic, ethical, which press upon the reader's consciousness.

The many admiring readers of Miss Sherwood's previous books "An Experiment in Altruism," and "A Puritan Bohemia" will be prepared for her sympathetic, yet vigorous treatment of her interesting subject.

The young hero, born and bred into conservative and scholarly quietism by a beloved father, himself professor and scholar, is driven into revolt against such passive acceptance of the existing order by the raw realities of social and economic crime which fringe without disturbing the gentle academic calm of his associates.

Henry Worthington's sweetheart—for of course the main interest is a love interest, charmingly interwoven with the economic theme—is a delightful young woman, very human, very lovable, passionate for good like her lover, and like him the temporary victim of a complication of untoward circumstances. The reader will follow with unwavering interest the struggles of the young lovers, and will feel distinctly grateful to the author when "the end crowns all."

Miss Sherwood has surpassed in scope, charm and interest her previous novels, and this to the readers of those admirable stories is praise indeed.

In *Via Crucis*, *A Romance of the Second Crusade*, Mr. Crawford, like the royal writer he is, with one touch of his pen, mightier than a thousand swords, creates a knight. "Rise, Sir Gilbert!" says the voice of conscious power, and the young man stands before us, noble, vigorous, glowing, flesh and blood, bone and muscle, alive in every fibre, as all Crawford's creations are, and yet no modern figure, but a young English knight, contemporary of Stephen and Maude, of St. Bernard and of Queen Eleanor, mediæval in word and thought and act. So he rides through the pages of *Via Crucis* to the accompaniment of clashing swords and splendid pageants, romantic as the time in which he lives. Pure romance is the story of Gilbert Warde, and of his lady-love the black-haired Beatrice, and of the beautiful, passionate undisciplined noble Queen. But Mr. Crawford is too much of a thinker, and too keen a historian to content himself with romance alone. He gives us in *Via Crucis* a very vital study of the period.

The Christ-like piety of St. Bernard and his meek, yet militant spirit are admirably contrasted with the fervid, fanatic, sometimes brutal zeal of the hosts who followed him.

The reader sees the conflicting forces, political, personal, sacerdotal, which swirl around the young English knight, moulding him in spite of himself and because of his resistance, into smoothness and strength. Mr. Crawford gives us a vivid picture of the ill-fated Second Crusade in its inception and early progress. He does not show King Lewis in admirable colors, and we swear immediate allegiance to his wonderful spirited, rebellious Queen, and forgive in her some touches of cruelty and barbarism.

Beatrice comes to the arms of her true knight in the last chapter in the Holy City, and so the story ends in lovers meeting, as all true romances must.

Mr. Crawford's literary lovers, which includes everyone who enjoys fiction at its best, will thank him heartily for *Via Crucis*.

The publishers have clothed this work in a cover of rich cream buckram, stamped with a Maltese cross, symbolic of the Crusaders. Mr. Louis Loeb has illustrated the book with twelve full-page illustrations.

*Young April*, Mr. Egerton Castle's new book, worthy successor to that finely-romantic novel, *The Pride of Jennico*, is sweet and sharp and crisp as Spring itself "when proud-pied April, dressed in all his trim, hath put a spirit of youth in everything."

It is the story of the boy Edward Warrender (suddenly become Duke of Rochester through the untimely death of his uncle), who in a mad frolic of youthful daring, runs away from his tutor, a time-serving old parson, with whom he is making the Grand Tour, and for thirty days follows his own sweet will. The handsome red-headed scamp begins his month of grace as self-appointed postillion to a very fascinating prima donna. He ends it in ignominious banishment from the small continental kingdom where the scene is laid. But the days that lie between are crammed with adventures—gay, grave, charming, absurd—in which the young Duke plays an animated second to the other characters. As the author says, "No man, be he duke or chimney-sweep, is twenty for nothing," and Edward Warrender, seventh Duke of Rochester, is twenty to very good purpose, as the reader finds. Prince Otto, that delightful middle-aged boy, Prince of Grunewald, and of good fellows, would have liked this boy and his associates. Indeed, *Young April* breathes the same fresh and genial atmosphere as Stevenson's romance. Here is delicate wit, gentle irony, much literary distinction, the play of human passions, the throb of large emotions, and over all and through all the exquisite freshness of a joyful Spring.

Eva, prettiest, most generous, most virtuous of prima donnas; Neuberg dashing soldier, King's Equerry, who loves her wisely and well; Michael Spencer, the young English philosopher, sitting—a sort of fresh-faced Teufelsdröckh—above the little town, and falling from his philosophic height into love in a very un-Teufelsdröckhian fashion; the Countess of Lucena, "most delicate fiend," most exquisite sinner; the King; the Court; all these play their part in the Young Duke's Comedy, and make sport in "the one moon of joy," stolen by His Grace of Rochester from the long years of stately weariness.

*Young April* is a delicious story, deliciously told. We come to the end, saying as Rochester might have said—

"Life is over, life was gay;  
We have come the primrose way."

Probably no one could have been better chosen to illustrate the fascinating story than Wenzell, who has contributed ten full-page half-tone drawings in his own inimitable style. A striking heraldic device forms the cover design.

In *My Lady and Allan Darke*, Mr. Charles Donnel Gibson takes his readers to the Virginia coast. There, or rather on an adjacent island, he works out his stirring plot, and holds Allan Darke (and the reader) captive until the very end of the book. Mr. Gibson is a new writer, who shows very unusual talent in his choice and disposition of plot and period—the latter, the end of the last century—and in the skill with which he keeps

the reader (and Allan) in thrilling suspense until the last. The hero has many exciting misadventures and hair-breadth escapes. My Lady, the high-spirited daughter of his mysterious planter—gaoler is a very forceful factor in the situation. So is her little green whip with the silver handle, which makes an important figure in the book on several occasions, and, its lash intertwining two hearts, forms the attractive cover design. The story is engrossing from start to finish. It has the sustained interest of a good detective story, and at the same time all the dramatic movement and charm of a well-written and cleverly-conceived romance.

It is to be hoped that Mr. Gibson will soon follow up this, his first work, with another.

"My clothes don't fit, and God hates me," whines Major Wilbraham in Mr. Mason's striking novel, *Miranda of the Balcony*. As the Major has been blackmailing a woman under exceptionally disgraceful circumstances, it is not surprising that he feels himself a moral and physical misfit: it is surprising, however, that he haunts the reader's mind a persistently pathetic figure. Nothing but the art of the author could effect this. We know the man for a blackmailer, an unprincipled scoundrel, yet—strange anomaly of feeling—we do not hate him. One of the cleverest things in this book, full of cleverness, is Mr. Mason's characterization of the pathetic scamp. For Miranda's husband, on the other hand, cur, traitor to his Queen and country, wife-deserter, dealer in contraband war munitions, we feel no such pity, though he is probably no more of a villain than his blackmailing associate; but it is our author's intention that we shall despise the one scoundrel and pity the other, and he has force enough to make us do it.

Miranda and Charnock were brought together by Lady Donnisthorpe, an amateur matrimonial chemist. "Her life was spent in mingling incompatible elements, and producing explosions to which her enthusiasm kept her deaf, even when they made a quite astonishing noise." But we must give her credit for making in the case of Miranda and the young engineer her one successful combination. It is true the immediate results were disastrous.

To fall in love with a clear-eyed, clear-souled creature like Miranda, with a candid white brow and "a most taking ripple in her hair;" to know her once unhappily married; to think her now happily free; to find her bound still to her abominable husband who has feigned death to escape disgrace; these be disconcerting experiences for a young engineer whose previous life has been set on railway lines and along permanent ways. But Charnock nothing daunted goes into the desert where there are no permanent ways and stays there for two years. What he seeks, what he finds, and the outcome of it all Mr. Mason tells us with epigrammatic terseness of style, much clever characterization, and many sympathetic touches. The story is as exciting, the plot and situations are as clever and unhackneyed as those in *The Courtship of Morrice Buckler*, the Author's brilliant novel which made a literary sensation two years ago. *Miranda of the Balcony* like its predecessor will win much praise and many readers.

To re-read *Forest Lovers*, which is now in its eightieth thousand, was the recent happy experience of the present reviewer. How well it bears re-reading and how eager it makes one for more of Maurice Hewlett's exquisite work. In *Little Novels of Italy* he gives us a volume of short novels, novels in the Italian use of the word, which will add new laurels to his literary crown, and delight his appreciative public. It is difficult to do justice to the charm and value of Mr. Hewlett's literary style.

One has only to read the first novel in the book before us *Madonna of the Peach Tree* to be impressed anew by its unique and delicate distinction. *Madonna of the*

*Peach Tree* is simple Vanna, Giovanna Scarpa, Vanna of "the stately calm, with her billowing line, staid lips, and candid grey eyes." She is a poor working girl—later a wife and mother—transfigured into an exquisite maternity it is true by the author's genius—but still a peasant mother. It is not her fault that the superstitious Veronese, having first nearly martyred her, end—Bishop, Lord, Priests and people alike, in taking her for "the Image of all mothers, displaying the Image of all sons." So she, simple Vanna Baldassare saved from stoning by a miracle of misapprehension, comes safely to her home in the Via Stella, and "Madonna of the Peach Tree" is seen in Verona no more.

Another of the little novels tells the story of Long legged Moll, Duchess of Nona, whose gentle friendly soul leads to her most tragic undoing. A third, full of delicious humor, tells of beautiful Ippolita, and the Paduan Pastoral.

All the stories are rich in color, vivid, full of bold strokes and bolder characterizations, instinct with the rude life and sly humor of the period, and yet of a purity of style, and a delicate and poetic fancy which make of each a literary masterpiece.

*Drake and his Yeomen* is a capital story of English ships and English sailors by Mr. James Barnes, whose "Yankee Ships and Yankee Sailors" delighted all true lovers of the sea. In these days of our naval revival, when we are all naval enthusiasts the story of Sir Francis Drake, famous old sea-fighter and naval forebear of our own more recent Admirals, will be eagerly read. Mr. Barnes has written a story of young blood in the person of Matthew Maunsell, Drake's friend and follower, born during the latter years of the reign of Bloody Mary. The story of the hero is brightly romantic, and in the personal romance a beautiful Spanish girl has first place. But interwoven with the romance are stirring accounts of sea fights and land perils, in which Drake and our young hero stand side by side.

Mr. Barnes while not going deeply into the political situation of this era so momentous in English history, has followed the best authorities with great care, and has consequently given us a romance which, while full of fire and action, and free from needless and pedantic details, is historically accurate.

Carlton Chapman seems to have thoroughly grasped Mr. Barnes' spirit and has painted nine stirring pictures to illustrate the book. One of these is reproduced in color for the frontispiece and the others appear as full-page half tones.

*They That Walk in Darkness*, with the sub-title *Ghetto Tragedies*, is Mr. Zangwill's new collection of stories dealing with the various phases of Jewish life, which he has made peculiarly his own. Brilliant critic, novelist, wit, as Mr. Zangwill is, he is nowhere so successful as in his portrayal of the patient, picturesque, persistent people of the Ghetto. There is nothing limited about Mr. Zangwill's horizon, or knowledge, or sympathies, and in the present stories he goes far afield. The Carpathian Mountains, East London, this country, Russia, Jerusalem, Rome, all are visited, and all furnish the author with the local color which he applies so effectively in all his work. These Ghetto Tragedies are stories of powerful interest, intense, realistic, imaginative (for Mr. Zangwill is a very decided opponent of purely photographic realism), and full of those touches of epigrammatic inversion and dry humor which illuminate his darkest studies. To read the titles of these Ghetto stories is in itself appetizing.

*Satan Mekatrig*, the story of a Ghetto Faust; *Bethulah*, a legend of immaculate conception; *Noah's Ark*, a Zionist story; *The Land of Promise*, dealing with Jewish-Americans and their immigration troubles; *The Keeper of Conscience*, a tale

of East End life with a board-school teacher heroine; *The Diary of a Meshumad*, a pathetic glimpse into the persecuted existence of Russian Jews; these are some of the scenes vividly presented by Mr. Zangwell's powerful pen. In *Transitional*, he deals as in the latter part of *Children of the Ghetto*, with life among those richer Jews whom fortune has removed from Ghetto trials to the questionable benefits of luxurious life.

Speaking of "Children of the Ghetto" reminds us that this kaleidoscopic picture of life in Modern Israel is to be staged. It has been dramatized and will appear on the stage in November. Mr. Zangwell is in New York, giving the preparation for its presentation here, the benefit of his personal supervision.

There are some books which, avowedly for juveniles, appeal also to "grown-ups," books like Alice in Wonderland the delight of all well-regulated children from six to sixty. Such an one is *The Jingle Book* of Carolyn Wells. All the world loves a jingle, and these are so catchy and so apt that we prophesy for *The Jingle Book* a gratifying success. It was good fortune which brought Miss Wells and Mr. Oliver Herford into humorous collaboration. It is very trying to see a happy thought sadly illustrated. But Mr. Herford's pictures are as whimsical and funny as Miss Wells' verse, which is very funny indeed. The Jingle Book is suited admirably for presentation to all boys and girls young and old who love a clever jingle.

Mrs. Molesworth has the child-touch. She knows—no one better—what children like to read, and at the same time writes always what children ought to read.

*This and That, A Tale of Two Tinsies* is her new book. It will win immediate popularity, and so will the illustrations by Hugh Thompson, whose work in the Cranford Series, so keenly appreciative of old English dress and customs is well known.

The children will joyfully welcome two other volumes of Mrs. Molesworth's stories—old friends in new editions. One volume will contain the following stories: "Rosy," "The Girls and I," "The children of the Castle," and "Four Winds Farm," while the other will contain "Tell Me a Story," "Herr Baby," "Little Peggy," and "Nurse Heatherdale's Story."

*Boy Life on the Prairies* is a delightful and remarkable book for boys by Hamlin Garland. It is a fresh forceful story of Western life, full of the out of door experiences dear to healthy boys, a story full of boys and birds, cattle, storms, winds, flowers, circuses—all the fascinating variations of farm-boy life. It is told as only Mr. Garland who knows his West, and who knows boy nature, can tell it. The success of Mr. Deming's illustrations is largely attributable to his having passed through similar experiences in Illinois.

Another capital book for boys is *Ben Comee, A Tale of Rogers' Rangers* told by M. J. Canavan, a well known Bostonian, for years a regular contributor to the Boston Transcript. Ben's story is autobiographical, and his boyhood in Lexington, his active service through the Old French War as one of Rogers' Rangers the celebrated British corps, and his Canadian adventures will be eagerly read. It is a healthy story of manly fighting, and *Ben Comee* will have hosts of boy admirers. The book has eight full-page illustrations by George Gibbs, full of that movement which appeals to the young reader.

*Stories from Froissart* is the title of a carefully edited selection from the celebrated Chronicles. Mr. H. Newbolt will be remembered as the author of that famous story *Admirals All*. The selections have been made with special thought of the juvenile readers, for whom the book is intended. The text is most appropriately illus-

trated with many half tone reproductions of famous tapestries and contemporary paintings, giving some idea of life in Court, at the Tourney, in battle—both on land and sea, and of ecclesiastical life. A Knight in armor forms a striking cover design.

Reference has already been made to the new edition of *Mrs. Leicester's School* by Charles and Mary Lamb. The twenty full-page colored illustrations by Winifred Green, represent children dressed as in Lamb's time. The cover design is in keeping with the illustrations and the volume makes a charming gift-book for children.

Among other new editions we notice Mr. Hamlin Garland's *Main Traveled Roads* and *Prairie Folks*. These are revised editions with additional stories of the author's most admired work. *Main Traveled Roads* is illustrated by Carpenter, and has a highly eulogistic introduction by W. D. Howells, whose admiration for Mr. Garland's writings is well known.

Lovers of folk-lore, and of the primitively marvelous, and the Fairy Tale, will remember Professor Brun's *Tales of Languedoc*, and will welcome the new edition issued by The Macmillan Company, with its appreciative introduction by Harriet W. Preston, and Mr. Peixotto's satisfactory illustrations.

Here, too, are new editions of some of Crawford's books—perennial favorites—*The Ralstons* in one volume, and *Adam Johnstone's Son*, and *A Rose of Yesterday*, both stories in one volume, and last—but not least—in love *Sarasinesca*, a superbly illustrated edition of this splendid novel, which as the *Boston Traveler* said some years ago, has the double merit of "telling a perfect story in a perfect way, and giving a graphic picture of Roman society in the last days of the Pope's temporal power." Many readers will remember the beautiful edition of *The Choir Invisible* which the Macmillan published last year with illustrations by Orson Lowell. They will, therefore, be pleased to hear that the same artist will embellish these two sumptuous volumes. Mr. Lowell went over to Italy where, under the personal guidance of the author, he was enabled to sketch directly from the localities in question. In fact, they bear unmistakably the genuine "ear-marks" of the Rome about which Mr. Crawford has told us so much. Not only have we a dozen full-page photogravure illustrations, but many other drawings, and head- and tail pieces in the text. The two volumes, bound in sateen, will appear in a box, and cannot fail to form the most handsome presentation book of the season.

The child in Stevenson's verse who boasted an adequate and unique and altogether adorable Auntie was moved to cry from the heights of proud possession, "What did the other children do?" We are tempted to wonder what the rest of the publishing world does when such a remarkable harvest of writers and books falls to a single house in a single season.

HILDA WISE.



## AMONG THE COLLEGES.\*

PROFESSOR HENRY G. JESSUP, since 1877, Professor of Botany in Dartmouth College, has resigned.

PROFESSOR A. C. ARMSTRONG, JR., who holds the Chair of Philosophy in Wesleyan University, will be abroad during the coming year.

PROFESSOR J. L. KELLOGG, of Olivet College, Michigan, has been elected Assistant Professor of Biology at Williams College, Williamstown, Mass.

PROFESSOR W. M. WHEELER, Assistant Professor of Embryology in the University of Chicago, has been elected Professor of Zoölogy in the University of Texas.

PROFESSOR WILLIAM S. ALDRICH, recently of the West Virginia University, has been appointed to the chair of Electrical Engineering of the University of Illinois.

GEORGE T. SELLEW, for the last year Instructor in Mathematics in the Academic Department at Yale, has resigned his place and accepted a professorship at Knox College, Galesburg, Ill.

WALTER W. DAVIS, of the Psychological Laboratory of Yale University, has been appointed Professor of Physical Culture and Director of the Gymnasium at Grinnell College, Iowa.

GLASGOW UNIVERSITY has received £10,000 by the will of the late James Brown Thomson, who has bequeathed £80,000 to the educational and benevolent institutions of Glasgow.

\* In order to make this section of BOOK REVIEWS as complete as possible, the editor asks for the coöperation of colleges authorities. Properly authenticated news will be printed of all changes in college faculties, changes in instructorships and important college news.

THE Council of the University of Paris has fixed the fees for those studying for the doctorate as follows: Annual matriculation, 20 fr.; library, 10 fr.; fees for laboratories, 200-800 fr.; examination, 140 fr.

PROFESSOR G. H. HOWISON, of the Department of Philosophy of the University of California, and Professor Irving S. Stringham, of the Department of Mathematics, will spend the coming academic year abroad.

Two fellowships in pathology have been established in McGill University. They are of the value of \$500 per annum, and the holders may be required to assist in directing laboratory work to the extent of twelve hours a week.

MR. H. G. TIMBERLAKE, of the University of Michigan, has been appointed Instructor in Botany in the University of Wisconsin, and Mr. G. T. Moore, of Harvard University, has received a similar appointment at Dartmouth College.

THE two veterinary colleges situated in New York City have been consolidated under the name of the New York American Veterinary College and School, and this has been made a part of the New York University. Dr. A. F. Liantard has been appointed Dean.

ARTHUR ST. C. DUSTAN, Associate Professor of Physics, University of Kansas, has been elected Professor of Physics and Electrical Engineering in the Alabama Polytechnic Institute, Auburn, Ala., in the place of Professor A. F. McKissick, who has resigned.

MCGILL UNIVERSITY proposes to erect at the cost of \$70,000 a building for its De-

partments of Hygiene, Pharmacology and Medical Jurisprudence. In the Medical Department of this University Dr. T. J. W. Burgess has been appointed Professor of Mental Diseases.

PROFESSOR EDWIN W. FAY, who was acting Associate-Professor of Latin at the University of Texas during the session '92-'93, and who has since been Professor of Latin at Washington and Lee University, returns to the professorship of Latin at the University of Texas.

DR. ARTHUR T. HADLEY will be formally inaugurated President of Yale University on October 18th. The occasion will be of special interest, as Dr. Hadley will deliver an address, which will doubtless outline the policy of the University for many years to come.

PROFESSOR E. A. BURNETT, of the Agricultural College of South Dakota, has accepted the Chair of Animal Husbandry in the University of Nebraska, and will resume the duties of his new position at the opening of the fall semester. Mr. Abel A. Hunter has been appointed Botanical Collector for the University.

MR. CARLETON A. READ, for the last eight years instructor in Mechanical Engineering at the Massachusetts Institute of Technology, has been appointed to the Chair of Mechanical Engineering at the New Hampshire College, at Durham, to succeed Professor Albert Kingsbury, who goes to the Worcester Polytechnic Institute.

THE Chair of Botany at Yale University, held by the late Daniel C. Eaton, is hereafter to be known as the Eaton Professorship of Botany. The Chair was endowed for Professor Eaton, but we believe not largely, and it is to be hoped that the corporation will appropriate the funds necessary to secure the services of a representative botanist.

THE will of the late Dr. C. J. Stillé, formerly Provost of the University of Pennsylvania, leaves the income of his property to his wife, but on her death the property will be divided equally among Yale University, the Historical Society of Pennsylvania and a Philadelphia Church. The estate is valued at \$150,000. The money given to Yale is to be used for undergraduate instruction in history and political science.

PROFESSOR J. MARK BALDWIN has been given a half year's leave of absence from Princeton University to see the *Dictionary of Philosophy and Psychology* through the press in England. He intends to sail on September 19th and wishes all the American contributions, proofs, etc., to be in his hands in the first week of September. His London address is care Messrs. Macmillan & Co. His courses at Princeton will be in the hands of Professor H. C. Warren.

IN the July intermediate examination of the University of London, for the first time in its history, the number of candidates in science was greater than in arts. It is said that this change in the relative numbers of candidates in the two faculties is attributed to the fact that the demand for science teachers in colleges and schools is now greater than the demand for teachers of classics and mathematics, and that the remuneration of the former is better than that of the latter.

THE Trustees of Miami University, at Oxford, Ohio, met on August 15th, and elected the Rev. Dr. David Stanton Tappan, pastor of the First Presbyterian Church at Portsmouth, to succeed Dr. Thompson as president of the university. Dr. Thompson was recently elected president of the Ohio State University, at Columbus. Dr. Tappan's father and grandfather were noted educational workers, and his mother was a sister of Edwin M. Stanton, Secretary of War under Lincoln.

THE reorganization and separation of the faculties of the two Colleges, "Letters" and "Industrial," hitherto constituting the "General Faculty of the University of Nebraska," has been referred to a committee consisting of the Deans of the Colleges and the Acting Chancellor of the University, to report to the Regents at the semi-annual meeting in December. Dr. Ellery W. Davis has been appointed Chairman of the Industrial College Faculty and Acting Dean of the Industrial College.

THE resignations of two professors in the Department of Biology at the University of Chicago have been accepted, and President Harper now has the selection of their successors under advisement. Sho Watase, a Japanese professor, has accepted a special chair on Comparative Histology and Biology in the Imperial University of Japan. William Morton Wheeler, Assistant Professor of Embryology, has resigned to accept a place as Professor of Embryology at the University of Texas.

DR. AUGUST L. RIMBACH (Ph. D., Jena, 1887), of Jena, Germany, has been appointed Instructor in Vegetable Physiology and Pathology in the University of Nebraska. He was Professor of Botany and Zoölogy in the University of Cuenca, Ecuador, from 1889 to 1894, after which he spent nearly two years in botanical travel in the Andes and along the Pacific coast of tropical South America. More recently he has given his time to botanical researches in Germany. These have been chiefly physiological and ecological, and the results have appeared in numerous papers in the German botanical journals.

AN International Congress of Higher Education will be held at Paris from the 30th of July to the 4th of August, 1900. The committee of organization has decided that the following topics shall be discussed in the general sessions: (1) University extension; (2) measures for the benefit of

students; (3) the education of teachers; (4) the place of the university in agricultural, industrial and commercial education; (5) the international relations of universities and their professors; (6) relations between the faculties of laws and of arts. Special sections will be formed for the discussion of: (1) Law; (2) political and social sciences; (3) geography; (4) history and philology; (5) philosophy and related sciences. Tickets of membership cost only 10 francs and may be obtained from M. Larnande at the Sorbonne, Paris.

THE Textile School at Lowell is now in its third year. It has an enrolment of over two hundred students. These are naturally, drawn largely from Lowell and other New England manufacturing towns, but the country at large is well represented and the appearance of the names of several students from the South on the list brings to mind the growing rivalry of the textile industries in that section. The equipment of the school consists of high-grade machinery with all the latest improvements, specially built to afford facilities for all kinds of experimental work and of such variety as is never found in any one textile mill. The school has now a more extensive equipment than any other existing textile school either in America or Europe. The staff of lecturers and instructors includes men from the leading scientific and art institutes of this country and Europe, and also those who have had special experience in textile school work and in the various processes of textile manufacture. The student has the option of any one of four courses, each one of which is intended to cover three years. These four regular courses are: Cotton manufacturing, wood manufacturing, designing, chemistry and dyeing. The catalogue is an artistic and interesting little publication, fully illustrating the different rooms of the school, with their equipment of machinery, and containing fifty or more

pages of text relating to the minutæ of the several courses offered.

THE degree of Doctor of Philosophy was conferred in 1898 upon 224 candidates by twenty-three universities in the United States. An analysis of the statistics referring to these doctorates is given in *Science*, together with the names of those who received the degree in science, and the titles of their theses. Of the 224 degrees, 72 were in the humanities (under which are included philology, grammar, literature and philosophy), 37 were in history and economics, and 115 in the sciences. Six universities, Johns Hopkins, Columbia, Yale, Chicago, Harvard and Pennsylvania, conferred 169 degrees—more than three times as many as all the other United States universities combined. Columbia gave this year decidedly the largest number of degrees in the sciences, while Harvard is the only one of these universities in which the degrees in the humanities were more numerous than in the sciences. The distribution of students among the different sciences was as follows:—Chemistry, 32; psychology, 15; mathematics, 13; botany, 11; zoölogy, 11; physics, 7; education, 5; geology, 5; sociology, 5; palæontology, 4; astronomy, 2; mineralogy, 2; physiology, 1; bacteriology, 1; meteorology, 1. It will be noticed that chemistry leads very decidedly. While no definite conclusion can be drawn from the results, it may be noted that at Johns Hopkins more than half the scientific degrees are given in chemistry. This science also leads at Yale and Harvard. Psychology and education are especially strong at Columbia. Chicago stands first in zoology and in physiology.

EDOUARD ROD makes some very interesting remarks on American Universities in a recent article which appeared in *The North American Review*. Among other things he says that :

The universities of the United States appeared to me to be young and strong, full of life and promise—nursery gardens in which trees are growing that are already vigorous and cannot fail to bear fine fruit. Although they gather inspiration from European experience, they preserve their individuality. They bear the imprint of the originality belonging to the new race which has produced them, and which cultivates them with predilection. One of the characteristics of this race which struck me most forcibly is its taste and its respect for traditions. Not having yet any traditions of its own, by reason of its youth, it seeks to create them, and history is its help from day to day, or else it seeks to reëstablish connection with those of the Old World from which more immediate needs had almost completely separated it for a time.

It seems to me, however, that the American universities have not only an American physiognomy, but that each has its own peculiar character; each seeks its ends by means of its own choice. Strolling through the beautiful avenues of Cambridge, for example, I thought of its peaceful retreat which certain small towns in Germany offer to science, where the student is far from the turmoil of the world, where the university buildings never fail to recall to the memory the "templa serena" of the poet. In New York and Chicago, on the contrary, the universities, although isolated as far as possible, are hardly more than episodes, if I may say so, of the maelstrom of life that carries them along with it. Am I mistaken? Yet I imagine that the young men who are preparing themselves there for the work of life will become, almost of necessity, men of action, fighters; while others, who are brought up in quiet centers already possessing some consecration of age, will retain in their inmost nature the taste for more deliberate reflection, in which they will love to take refuge sometimes as in a sanctuary.

A European cannot visit the American universities without admiring the perfection of all that makes up their material equipment.

We have no idea whatever of such conveniences. We content ourselves with old buildings which have sometimes stood for several centuries, and which are restored and retouched, as well as may be, from time to time to adapt them as far as possible to the needs of the moment. When hygiene discovers that the air must be renewed, windows are put in the walls. They are built higher and flanked with wings and additions when an increase in the number of students requires. We wait until they burn down before building new ones; but they do not burn down, for they are solid. They leave much to be desired. We love them, however, for if they no longer answer present requirements, they have made us what we are. Their walls crumble, their floors are worn, and in their halls we breathe the odor of ancient things; but this odor is dear to us; we love to breathe the past which it represents, the bygone days which it has preserved. And we think, not without pride, of all the glory which has been gathered there, of the illustrious teachers who have taught in those chairs, of the great men who have sat on those age worn benches. That is no reason, however, for not marvelling at the modern equipments, so admirable in their completeness, which may be seen at New York, at Chicago, at Philadelphia, and even at universities of less importance. There is not a single detail that is not perfect. After a visit to them one seeks—even with some spirit of opposition—for something to criticize, and one finds nothing. It is too good; we have to look elsewhere if we must find fault.

I have looked, and this is what I have found. The American universities require too much of their professors. They are not alone, to be sure, in this fault; it is found in other democratic and new coun-

tries, where public instruction is organized by persons who have much good-will, but who are unable to judge of the conditions of higher culture. One must belong, to some extent, to the profession to appreciate the amount of labor represented by a well-prepared lecture, and the importance of offering to students no lectures that are not well prepared. Now, to many people the actual time required to give the lesson is all that counts; they are persuaded that when a professor is delivering his lecture he is doing the major part of his task, and if they have any authority they consider only how his work—such as they understand it—may be increased for the greater good of the students and the university. This is to me the worst of all errors; to overload the courses of a university is to work for poor results. The professors do not then give their full measure, for it is physically impossible to prepare lectures for eight or ten hours a week; and the students suffer from what is imperfect in the work of their teachers. Here, more than in any other domain, quality is of far greater importance than quantity; for university instruction aims less at imparting positive knowledge than at furnishing a good method. Hence I cannot help considering our French habits preferable in this important point. Let there be few lectures, but let each be a masterpiece whose excellence shall have no other limits than those of the professor's ability.—*North American Review.*

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It is said here by one of the Trustees of Amherst College that it is expected to have a public inauguration of the new President, Professor George Harris, of Andover, in October, and the 11th has been named, though not definitely fixed. The exercises will probably be public, in College Hall. The present idea is that John E. Sanford, of Taunton, chairman of the committee who had the selection of the new Presi-

dent, will make a brief address in opening, and then that President Harris will reply in a speech of half an hour or so. The deliverance of the President will be looked for with attention, as he may outline the policy which he proposes to pursue regarding the College.

It is said that the incoming Freshman Class will be a little smaller than recent classes. Under the administration of President Gates there had been a slight decline, and the uncertainty regarding a new administration is thought to be the reason for the continuance of it.

MOUNT HOLYOKE COLLEGE is entering upon another year with fairer prospects than ever before. Two new buildings have been

### Mount Holyoke.

added to the already fine equipment, a residence hall and a gymnasium. The latter building represents all that is latest in gymnasium architecture. The faculty has been materially strengthened to meet the demands of the increased number of students and the best college work. The new appointments are as follows: Helen M. Searles, Ph.D., Latin and Comparative Philology; Eleanor Drak, Ph.D., Mathematics, both of the University of Chicago; Louise D. Wallace, B.S., recently instructor in Smith College, Zoölogy; Isabella Graves, Ph.D., of the University of Pennsylvania, English Literature; Alice M. Holmes, B.S., B.T., Biblical Department; Anna S. Thacher, B.L., French; Eleanor Parry, M.D., instructor in Physiology and resident physician. The following have been appointed as assistants: E. K. Robinson, B.A., Mathematics; Susan B. Liter, B.S., Physics; Olive Hoyt, B.S., Chemistry. A Department of Pedagogy has been established with theoretical and practical courses for Juniors and Seniors. Opportunity for practice teaching is furnished by the public schools of Holyoke. Mr. W. S. Hammond, lately a member of the Faculty

of Music of Smith College, will have charge of the Music Department.

The many friends of Mount Holyoke have every reason to be satisfied with her progress.

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FOR the satisfaction of an inquirer the authorities of Cornell University have just calculated "the length of time necessary for a man to take all the courses offered" at the university. It was found by count that about 548 courses are annually offered. On a fair average a good student will complete five courses in one year. It would therefore be possible for him in one hundred and ten years to take all the courses which were offered when he was a freshman. But only the elementary courses are repeated from year to year. The more advanced courses are varied, as, for instance, a course in Shakespeare may this year be given instead of one in Chaucer as last year. Quite half the courses offered each year are new. Consequently, each year a student stayed, fifty-five years more of life would be demanded to enable him to catch up with his opportunities. At the end of the one hundred and ten years necessary to take all courses offered when he was a freshman, he would find it necessary to study 6,050 years more to cover the courses missed in the meantime, and he would probably not care to continue his studies beyond that.—*Evening Post*.

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DURING the summer a number of changes have taken place in the teaching

### Lehigh.

force of the Department of Classics at Lehigh University. Dr. Hyde has resigned the Chair of Latin to become Dean of Ursinus College, while Professor Robinson will vacate the Chair of Greek to become head of the Department of Latin at the Lawrenceville School.

These vacancies will be filled by Professor Robert W. Blake in Latin and Pro-

fessor Charles J. Goodwin in the Department of Greek. Professor Blake is a graduate of Princeton University, where he won the classical fellowship in 1887. He was a teacher of Greek at Princeton for several years, until he took the Chair of the Latin language and literature at Washington and Jefferson College. Professor has spent some time in study at the Universities of Leipsic and Erlangen, in Germany.

Professor Goodwin was graduated with high honors at Bowdoin College, and was awarded a graduate scholarship in Greek at Johns Hopkins University, where he received the degree of Ph.D. Later he studied in Berlin.

THE new appointments to the faculty of Georgetown University are as follows:

**Georgetown.** The Rev. J. B. Becker, S. J., Minister; the Rev. J. P. Fagan, S. J., Vice-President and Prefect of Studies; the Rev. T. J. Cryan, C. J., Prefect of Discipline; the Rev. E. I. Dewitt, S. J., Professor of Metaphysics in Graduate School; the Rev. R. I. Holand, S. J., Professor of Ethics in Graduate School; the Rev. J. M. Prendergast, S. J., Professor of German Literature in Graduate School; Rev. T. J. Shealy, S. J., Professor of Junior Class; the Rev. E. Burke, Professor of Oriental Languages in Graduate School; the Rev. William M. McDonough, S. J., Professor of Freshman Class; the Rev. E. McTammany, S. J., Treasurer.

The new instructors are: C. W. Lyons, S. J., R. A. Flemming, S. J., J. W. Sweeney, S. J., E. T. Farrell, S. J., J. C. Geale, S. J., J. J. Carlin, S. J.

The new porches which are being added to the main college building are nearing completion, and will add greatly to the appearance of the College.

During the summer vacation the Dahlgren Chapel of the Sacred Heart has been undergoing interior decoration. The designs are rich and effective.

The following changes of appointment of Brooklyn men belonging to the Society of Jesus have been made: T. F. Graham, S. J., and John Corbett, S. J., have been transferred from Georgetown to Woodstock College, Maryland, and to Fordham College, New York, respectively. J. C. Geale, S. J., and Edward T. Farrell, S. J., have been added to the faculty of Georgetown. Henry J. Lyons, S. J., remains at Georgetown College.

GROUND has been broken for the new \$50,000 Hall of Natural History at Trinity College. The building will occupy a site on the southern portion of the campus, in line with the Hall of Science. It will have a frontage to the north of 122 feet and a width of 72 feet, and will be three stories high above an ample basement. The materials used in construction will be common brick, moulded brick, and sandstone for finish.

The museum occupies three floors, the two upper ones having a area each of over 4650 square feet, the first floor being connected with the second by an iron staircase, and a large floor-well forming a feature in the construction of the second floor. The museum has a fine southern exposure throughout, and is adequately lighted. From the entrance hall on the right a door leads to the biological laboratory.

A professor's study, with connecting private laboratory and outside entrance, is planned adjoining the laboratories. The first floor further provides a large lecture-room, well lighted, a library, and room for working collections. The second floor contains the botanical laboratory and private laboratories, as well as laboratories for advanced work and library, the museum occupying a large proportion of the floor on this story. The third floor is devoted to the Department of Zoölogy, a preparation room, and studies for post-graduate course, and an area similar to

that on the second floor is devoted to the museum.

In the basement provision is made for the Department of Geology and Mineralogy. A receiving-room and an aquarium and cold storage room are planned in the basement, and also a large unassigned room, toilets, fan-room, heating-chamber, etc. Steam heat will be introduced from an outside plant, and the building throughout will be equipped with a thorough system of heating and ventilation, and with both gas and electric lights.—*Evening Post*.

ON the morning of Commencement day the press dispatches announced that Chancellor MacLean had been

**Nebraska.** elected President of the University of Iowa. This was a surprise to the general University public, who had not known that members of the Iowa Board of Regents had visited Lincoln, and waited upon the Chancellor with reference to the position. Chancellor MacLean had given these gentlemen no encouragement, and signified nothing in acknowledging the election concerning his final answer. After the press of the week's business was dispatched, he spent some days examining into the condition and resources of the University of Iowa, and came home to deliberate and make up his decision. This was by no means an easy matter. Nebraska almost as a unit clamored for his remaining. In the four years of his service he had made himself, by his indefatigable visits to almost every county and considerable school community, well known to every citizen of prominence, and had especially endeared himself to the school men. The whole State looked upon him as its educational leader, and the temptation was strong to spend his life in the public work that he had so excellently organized. But the need of similar work in the field that was calling him, and the inner possibilities of an institution of high

grade in one of the best states in the Union, moved the decision to leave Nebraska. The Faculties of the various colleges united in a petitionary communication, warmly commending his services, and urging him to remain in the work with them.

On the resignation of Chancellor MacLean, the position of Acting-Chancellor was tendered to Professor L. A. Sherman, Dean of the College of Literature, Science, and the Arts, but on account of heavy departmental and other duties it was declined. Dean Charles E. Bessey, of the Industrial College, was then appointed to the office.

Clark F. Ansley, Professor of English Language, resigned his chair at the July meeting of the Board; it being his purpose to engage in the practice of law. The control of this side of the English work was assigned to the Professor of English Literature, and the department of English Language was abolished. G. W. A. Luckey, Professor of Pedagogy, has received a year's leave of absence. Dr. Samuel Avery, Adjunct Professor of Chemistry, has resigned to take charge of the same subject in the University of Idaho.

At a recent meeting of the Board of Trustees of the Columbian University, Washington, D. C., an ordinance was adopted looking to the establishment and maintenance of the School of Comparative Jurisprudence and Diplomacy upon a broad basis, and to securing for students the best possible education in international law, diplomacy, finance, political science, and upon social and economic questions, to the end that they may become counsel and advisers upon questions of international law and fitted for the public service of the United States. To secure these ends it was considered desirable to have the cooperation in the conduct of the School of men of learning, high official position and experience, and it was therefore



ordained that there should be created a Board of Visitors, consisting of nine members, to visit, inspect and make an annual report upon the conduct and work of the School, and from time to time to recommend to the Board of Trustees of the University, such increase in the scope of the work, and changes or improvement in the methods and subjects of study to be pursued, and additions to the facilities which in the estimation of the Board of Visitors, may be necessary or desirable for the greater development and efficiency of the School. The Board are also to examine the investments and application of all special contributions and trust funds given to the Board of Trustees for the benefit and maintenance of the School.

The Chief Justice of the Supreme Court of the United States, the Secretary of State and the Secretary of the Treasury are to be *ex-officio* members of the Board of Visitors, and the remaining six members are to be elected by the Board of Trustees upon the nomination of the Faculty.

The Board of Visitors are to make an annual report upon the School.

Mr. John Hay, Secretary of State and Mr. Lyman J. Gage, Secretary of the Treasury, have already signified their willingness to serve upon this Board, and the other members will be chosen in October.

Charles W. Needham, the Dean of the School, has been spending the summer with his family in Europe. He expects to secure the services of some of the prominent lawyers of England and France to give special series of lectures on the Jurisprudence of their own countries.

Professor David J. Brewer of the Supreme Court is also in Paris engaged upon the Venezuelan Arbitration Board. In his lectures on International Law before the School, Justice Brewer has strongly advocated the plan of a Permanent Board of Arbitration, such as has recently been adopted by the Peace Congress at the

Hague, and he feels gratified that his plan has been adopted in some form.

INDIANA UNIVERSITY has granted fewer leaves of absence than in five years past.

Indiana. With but few other changes, the corps of instruction remains unusually stable. Two members of our faculty go to Stanford, where they have spent the past year on leave. Mr. J. F. Newsom, Assistant Professor of Geology, accepts an appointment as Associate Professor of Mining and Metallurgy. Dr. Frank A. Fetter, Professor of Economics and Social Science, takes a similar position there. His successor here is Dr. U. G. Weatherly, hitherto Associate Professor of Modern European History. Professor Weatherly took his doctor's degree at Cornell in 1894, after a year spent abroad as President White's Traveling Fellow in Modern History, and has been connected with Indiana University since 1895. This summer he has been at work in European libraries, but he will return to do graduate work at Columbia this year. During his absence, the department will, as during the past year, be in charge of Dr. E. L. Bogart. Mr. W. A. Rawles, who has been absent on leave at Columbia for one year, returns as Assistant Professor of History. Mr. John M. Clapp, an Amherst graduate of 1890, since then in charge of the department of oratory in Illinois College, has been called here as Assistant Professor of English; his work will be very largely in the line of public speaking, in which he has scored many successes and in which Indiana University has of late years not shone. Associate Professor E. E. Griffith, of the Department of English, will spend the year in the west on account of his health. Assistant Professor J. H. Howard, of the Department of Latin, returns to his post after a year's leave at Stanford. Mr. F. J. Fairbank, Tutor in Latin, and Mr. Harry Scott, teacher of Latin in the Jacksonville (Ill.) High

School, will exchange places for the ensuing year. Dr. J. B. Faught, Instructor in Mathematics, returns from a year's leave at Pennsylvania, where he recently took his degree, and Instructor U. S. Hanna, of the same department, goes to Pennsylvania on a year's leave. Mr. Roy H. Perring, Instructor in German, has gone to Leipsic to study; his place will be supplied by Mr. Philipp Seiberth, Tutor in German, who has been doing graduate work here for two years past. Mr. L. M. Hiatt, of the Schubert Quartette, is the new Director of Music, vice Mr. C. Norman Hassler, resigned.

The attendance last year was the largest in the history of the institution; every county in the state was represented. This, in view of the concerted attack on the state schools, begun three years ago, is at least hopeful. This "irrepressible conflict" in the educational life of our western states was, so far as Indiana is concerned, fought out in the last legislature. Such at any rate is the belief of careful observers.

By a vote of the corporation of Harvard University last spring a definite system was established in regard to retiring allowances for teachers in the University who are sixty years of age or over, and who have served the University in the capacity of "assistant professor and higher appointments for twenty years." Previous to this time, in a few cases and by a special vote of the Corporation, retiring allowance has been granted. But now it is a fixed system to make it possible for every teacher in Harvard University to retire on an allowance after a suitably long period of service. The amount allowed is not less than twenty-sixtieths of the salary drawn during the last year of activity, with an addition of one sixtieth for each year of service up to forty sixtieths. That is to say, one who has taught in the University for thirty years, after he has attained the

rank of assistant professor, may retire at the end of thirty years on one-half his salary. The Corporation retains the right to make special provision for men called to the University late in life, and to enforce the resignation on the retiring allowance when it deems such to be in the best interests of the University. This seems a kindly, grateful and just way, both from the standpoint of the University and the man, of dealing with men "who cling to their livelihood after their teaching has become perfunctory."

Now that the long discussion of five years in regard to the revision of the admission requirements to the College is over and that question has been settled in favor of the new system, it is the Medical School which is agitating most thoroughgoing reforms in regard to its method of instruction. Both faculty and students in the Medical School are concerned in the new scheme. The students last spring sent a committee from their body to visit the other leading eastern medical schools and study the methods of instruction in them. The student body has in mind more practice in the laboratory and in clinics than the Medical School now affords. The Medical Faculty on its side has a committee which has conferred with the student committee. Not only is the practical side of Human medicine to receive a great stimulus at Harvard, but the establishment of the new school of comparative medicines shows that increased attention is to be given to the medical study of other animals. The Corporation has already voted some funds for the support of the new school, and has created at least one new chair for its advancement.

The new Randall Dining Hall will be open to the former Foxcroft Club with the opening of the University. The new house for promotion of religious intercourse among students as well as general University fellowship—the Philips Brooks House—has already been handed over to

the University by the builders. The high price of building materials has postponed the construction of the contemplated building to be erected on Oxford street and to be occupied by the Engineering Department of the Lawrence Scientific School.

DR. ADOLPH RAMBEAU, Associate Professor of Romance Languages in the Johns

**Johns Hopkins.** Hopkins University since 1894, left Baltimore Sept. 18th for Boston, where he has been appointed Professor of Romance Languages and Literature in the Massachusetts Institute of Technology. Drs. C. Carroll Warden and George C. Keidel are associates in Romance Languages, and Dr. Rambeau's successor may be selected from them.

The resignations of the members of the physical department, which take effect before the trustees' meeting are those of Dr. Louis Duncan, Associate Professor of Electricity, and Dr. Charles Lane Poor, Associate Professor of Astronomy. Others in the physical department who will retire this year are Dr. W. J. A. Bliss, Associate in Physics; Messrs. Hermann S. Hering, M.E., Associate in Electrical Engineering; Herbert G. Geer, M.E., Associate in Mechanical Engineering, and Dr. C. W. Waidner, Assistant in Physics.

William M. Mackdermott, the new Instructor in Athletics, began his office on Friday last. His position is a new one, and was created last spring by the Board of Trustees at the urgent request of the students for some man who might give direction to their athletic efforts, superintending general business affairs as well as the actual practice.

The plans for a Johns Hopkins Club, which were fully outlined in the *Evening Post* at the time they were proposed, have had the most gratifying reception. Nearly every alumnus resident in the city and nearly all the graduate students in the University have enrolled themselves in the

membership list and the committee in charge of arrangements expects to have quarters ready for the club by the middle of October.

Since the University closed in June, a large number of Johns Hopkins men have been appointed to important teaching positions in other schools. On the list exclusive of those mentioned during the early summer are: John William Basore of Broadway, Va., Fellow in Latin, Johns Hopkins University, '98, and Ph.D., '99, to be Professor of Latin in Hampden Sidney College; Charles Albert Savage of Baltimore, A.B., Johns Hopkins University, '95, and Ph.D., '99, to be Instructor in Latin in the University of Minnesota; William Alexander Eckels of Carlisle, Pa., Ph.D., Johns Hopkins University, '98, to be Professor of Latin and Greek in Miami University; Waverly Bayard Daniel, Ph.D., Johns Hopkins University, '99, to be Assistant Professor of Latin in Wake Forest College; James Curry Winston, Ph.D., Johns Hopkins University, '99, to be Adjunct Professor of Science in Hampden Sidney College; Leonidas Chalmers Glenn, Ph.D., Johns Hopkins University, '99, to be Professor of Geology in the South Carolina College; Frederick Albert Saunders, Fellow, Johns Hopkins University, '98, and Ph.D., '99, to be Instructor in Physics in Haverford College; William Kurrelmeyer, A.B., Johns Hopkins University, '96, Fellow, '98, and Ph.D., '98, to be Professor of Modern Languages in Franklin and Marshall College.—*N. Y. Evening Post*.

QUITE a number of changes have been made in the Faculty for the coming year.

**Vassar.** Frank R. Lillie has been elected Professor of Biology.

Mr. Lillie graduated from Toronto in 1891 and took his Doctor's Degree at the University of Chicago in 1894. He was Fellow in Zoology both at Clark University and at Chicago and for the last five years

has been Instructor in Zoology at the University of Michigan. He has also been Instructor in Embryology at the Marine Laboratory at Wood's Hall.

A generous sum has been promised for a new Biological Laboratory, which it is hoped will be ready for use next year.

Rev. Wm. Bancroft Hill (A.B., Harvard, '79), of Poughkeepsie, will be the Instructor in Bible. Two new courses in the study of the Bible have been offered as regular College electives for the coming year, and are quite independent of the usual courses of lectures on the Bible delivered before the College on Sunday evenings.

The new Instructors in the English Department are Elizabeth K. Adams, A.B., Vassar, '93, and Florence Keys, A.B., Toronto. Miss Keys has held Fellowships in Greek and English at Bryn Mawr, and has also studied at Oxford and Berlin; Miss Adams has been teaching since graduation at Kemper Hall.

The new Instructors in Greek are May Louise Nichols, A.B., Smith, '88, and Elizabeth H. Palmer, A.B., Wellesley, '87. Miss Nichols has studied at Radcliffe and for the last two years has been a Fellow of the American School at Athens, holding the Agnes Hoppin Fellowship in 1898-9. Miss Palmer has been studying at Yale University for the past two years.

Charlotte M. Reinecke is the new Instructor in German and is a graduate of the Royal Seminary for Teachers in Berlin. She has studied in Paris and at Radcliffe.

Winifred J. Robinson, B.S., University of Michigan, '99, will be Instructor in Biology. She is a graduate of the Michigan State Normal College and has taught in and been Principal of public schools in Michigan.

Helen M. Slade, A.B., Vassar, '94, will be Instructor in Mathematics.

Caroline E. Furness, A.B., Vassar, '91, after a year's absence, returns to her posi-

tion of Assistant in the Observatory. Miss Furness took her Doctor's degree at Columbia last June.

In the Department of Chemistry, Lilly G. Kollock, A.B., Woman's College, Baltimore, '95, Ph.D., N. of P., '99, comes as Assistant, and Julia F. Wicker, A.B., Vassar, '99 as Assistant in the Laboratory.

Ella McCaleb, A.B., Vassar, '78, who has been the Secretary of the College since 1885, has been made a member of the Faculty with the rank of Associate Professor, and Lucy A. Fitch, A.B., Vassar, '94, has been appointed Assistant Secretary.

Emilie G. Stevenson, a graduate of Dr. Sargent's School in Cambridge and lately the Director of the Gymnasium at Rockford College comes as Assistant in the Gymnasium.

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THE three months of summer quiet have known no other interruption than the holding of the so called University of Minnesota summer school during the first four weeks of August. The summer school of the University proper, which coalesces with several county institutes to form a large and vigorous training school for teachers, attained this year, in spite of provisions for the stricter limitation of the work to those who were teachers in fact or intention, a number not much short of four hundred students; the total or conjoint attendance was about one thousand. The classes in the University section are commonly taught by members of the faculty, and the course is diversified with conferences and lectures, among which a series of talks by Dr. Burton on modern English writers, was especially meritorious and popular.

The reassembling of the faculty and students on September 12th, ushered in a year of exceptional promise. The Freshman's class is the largest yet received, and the total number of students, which has hitherto scarcely exceeded 2900, is ex-

pected to reach or pass 3000. New buildings and enlarged facilities have been provided for to meet the growing pressure of the constantly enlarging membership.

A change of requirements in the English curriculum marks another step in the substitution of elective for compulsory studies, and indicates the growth of a reaction against the feeling which accentuates and exalts Old English. Some years ago Old English was the core of the work in English literature; philology was in the ascendant, and appreciative criticism had little place. The material out of which the young Minnesotans are fashioned, however, is hardly *porous* to Old English, and certain very obvious and very serious defects in their knowledge of the modern language, suggested the fitness of removing Old English from the list of Freshman requisitions and granting to the students concerned the option of rhetorical training. The acceptance of this measure involves the transfer of not a few students from the Department of Literature to that of Rhetoric.

The departure of Dr. Wells and the arrival of Dr. White have occasioned a few changes in the department of history. New graduate work in the English Constitution and other lines is introduced, and the head of the department, Dr. W. L. West, devotes himself entirely to American history.

The second annual report of Dr. L. J. Cooke, the director of the gymnasium, is full of careful statistics which show a gratifying advance in a form of work in which, up to a very recent date, the University had been greatly, in fact totally, deficient. Gymnasium work is now required of freshmen in the second and third terms; six hundred students avail themselves of its benefits; and seventy-six per cent. of these report that the exercise has improved their health. Dr. Cooke is expected to take charge of all outdoor and indoor sports at the University this year,

and will act as trainer of the football team.

It has been decided by the faculty that the University shall take a public part in the reception of the thirteenth Minnesota, recently arrived in San Francisco, and expected shortly in the state. The deaths of four of her sons and the loyal service of others have given the University a peculiar title to participate in the memories and rejoicings which will honor that occasion.

THE scope of the University's work was this year extended by the establishment of

**Cornell.** a Summer Session, held during the months of July and

August. Hitherto, the summer courses have been conducted by volunteers from the faculty and from the corps of instructors and assistants. This system is now displaced, and, hereafter, all professors and instructors employed during the Summer Session will be regularly appointed and paid by the University. A survey of the summer schedule shows that a larger proportion of courses than usual have been given by the full professors.

The total registration in the Summer Session was 423; 254 being women, 169 men students. Of this number 60 belonged to the regular University classes; 25 were Cornell graduates, and 130 were graduates of other institutions. The total number of teachers in attendance was 344.

The great attraction proved to be the course in Nature Study, which was open to New York State teachers without tuition fees. This was made possible by appropriations from a State fund provided for the extension of agricultural knowledge. Arrangements had been made for 100 students in this course, but more than twice that number applied for admittance and 120 were finally allowed to register.

All indications for the coming year point to a large registration. The demand for the University Register of 1898-99 has been so great that the supply is exhausted, and the Registrar has been compelled to

request all those who no longer need their copies to return them to his office.

The most important event of the opening year will be the return of President Schurman, who has been absent since last winter upon the Philippine Commission. He has lately accepted an appointment upon the New York State delegation to the Trust Conference at Chicago, but it is expected that he will resume his duties here early in the fall term.

The loss of Professor Benjamin Ide Wheeler, who had become President of the University of California, is a matter of much regret to his colleagues and to all students who have ever come in contact with him. Professor Wheeler came to Cornell in 1887 as Professor of Comparative Philology; in 1888 he was also made Professor of Greek, and for several years past he has been at the head of the Greek Department. Although distinguished as a scholar, he has still found time to show his ability in many fields of activity. He has been an ardent promoter of all college interests, especially of athletics, but has also taken an active part in municipal affairs. Perhaps the best indication of his popularity with all classes was his election as foreman of one of the town fire companies, which is largely composed of young Irishmen.

Several changes in the faculty have been announced: Dr. G. P. Bristol has been made head of the Greek Department, and Dr. G. P. Chase comes from the Lawrenceville School as Professor of Comparative Philology; in the Sage School of Philosophy Dr. E. B. McGilvary, of the University of California, succeeds Dr. Seth in the Chair of Ethics, while Professor A. Fairbanks takes the work of Dr. W. A. Hammond, who is spending his sabbatical year in Europe; in Economics, Professor H. H. Powers, of Leeland Stanford, has charge of the courses of Dr. W. F. Willcox, whose sabbatical year is to be spent in work in the United

States Census Bureau; Professor Gilford, of Princeton, has been appointed Assistant Professor of Forestry; Dr. J. Ewing, of the Roosevelt Hospital, has been appointed Professor of Pathology in the Medical College, and Dr. F. Kingsbury, Instructor in Histology and Embryology, has been advanced to Assistant Professor. Professor L. M. Dennis and Assistant Professor Wm. Strunk who have been spending the past year in European study, have returned and will conduct their regular courses this year.

The first year's work in Cornell's hydraulic Laboratory has been marked by the completion of an important investigation for the United States Deep Waterway Commission of the flow of water over dams of various contours. The resulting information, it is said, enabled the Commission to reduce their estimate for a ship canal from the Lakes to the Atlantic by \$10,000,000 in a single item, the feeder on the Rome summit.

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YALE UNIVERSITY will begin its 199th year in a few days.

Aside from the new era which Yale. President Hadley has inaugurated, the college starts the coming year to prepare for its gala celebration in 1901, when the bi-centennial will be observed. The preparation for the formal exercises of that celebration will, of course, not require many months. But the scheme of ex-President Timothy Dwight for raising \$3,000,000 for the erection of new buildings to be completed by the time of the bi centennial is being pushed, and in a few months ground will be broken for a series of new buildings at Yale which will represent an increase of the wealth of the University by about one third. The bi-centennial committee will submit a report in a few weeks. The exact amount of money raised for the bi-centennial is not yet known, but it is believed that the sum is over a million, exclusive of provisional pledges.

The incoming class, in at least the academic and scientific departments, will be smaller than usual. In the law and medical departments the registration is brisk, and there will probably be a slight gain over all previous attendance records, although the exact numbers cannot be secured yet, as the fall term does not open till October in these departments. The figures for the Academic and Scientific Departments follow :

	Pre-	Finals.
	liminaries.	
September, 1898.....	596	523
September, 1899.....	542	505

It is expected that perhaps twenty more applicants will try for admission this fall at the September examinations, bringing the total number of members of the entering classes up to about 555.

A public meeting was held in the Acton Library August 18th to consider the feasibility of erecting some memorial upon the site of the first building of the Collegiate School which afterwards became Yale College. The act chartering the institution was passed in the autumn of 1701. The school itself was organized later in the same year. In 1702 Nathaniel Lynde offered a house and lot for the use of the college so long as it should remain in Saybrook, and the first fifteen commencements were held here. Of the fifty six graduates at these commencements, ten belonged to Saybrook families, and many of their descendants have been prominent in the life of the town.

The site of this building is approximately, if not exactly known, a very trustworthy tradition locating it double the width of the building from the west line of the old cemetery at the point. Early maps of the settlement at the Point confirm the tradition.

Considerable interest was manifested at the meeting and it was the unanimous opinion of those present that something should be done to mark a spot of such historical importance, and that this memorial

should be dedicated, if possible, in conjunction with the bi-centennial celebration of Yale in the autumn of 1901. Professor Samuel Hart was appointed chairman of a committee to take the matter into further consideration.—[Old Saybrook (Conn.) Correspondence *Hartford Courant*.]

The last thirty years have shown great results brought about by the right men placed at the heads of departments and universities. Harvard selected a comparatively young man as President, and Eliot has not only shown himself the great educator of the time, but has brought his University forward with steady strides, and made its influence felt all over the country. Then followed Columbia, with Low, and the gratifying results are known to all. Gilman, of Johns Hopkins, and MacCracken, of New York University, both illustrate what personal force at the head of an institution can do. Yale now takes the same step, and it is confidently believed that in selecting Hadley she has recognized, and fully met the same demand. One of President Eliot's early steps was the selection of Professor Langsdell as Dean of their Law School, leaving in his hands the duty of making the school what it should be. The consequence is that Harvard's Law Department has steadily advanced, On the retirement of Langdell, Ames was on the spot ready to make an ideal head of this faculty. President Low, soon after his inauguration, was instrumental in the selection of Professor Keener as Dean for the Columbia Law School, and this selection has eminently justified itself.—[From an address by Dean Ashley, of the New York University, to the American Social Science Association.]

THE last session of the State Legislature raised the tax for the support of the University from one-sixth to one-fourth of a mill of each dollar of assessed valuation, thus increasing the annual in-

University of  
Michigan.

come by a little over \$92,000. The income from the State, at current rates of endowments, now represents an endowment of about \$8,000,000. The income from students' fees is about \$185,000. The educational value of this income of the University is about one-third greater than it would be if the Institution were located in a large city, because the inexpensiveness of living makes it possible to keep the expenses of administration relatively low.

Several changes have taken place in the personnel of the various departments. In the Latin department Professor Joseph H. Drake returned in September from his sojourn abroad, where he has been pursuing a line of research in the history of the Empire and certain texts relating thereto. Mr. James E. Church, who has been acting Assistant Professor of Latin, has gone to Munich for the next year. Dr. Walter Dennison goes to Oberlin as Associate Professor of Latin, and his place is taken by Dr. H. A. Sanders, who was on the staff in 1893-95. Dr. John E. Granrud, who has been instructor in Latin the past year, goes to the Latin department of the University of Minnesota.

Several well-deserved promotions have been recently made. Among them are Dr. B. P. Bourland to be Assistant Professor of French; Mr. E. W. Dow to be Assistant Professor of History; Dr. C. H. Cooley to be Assistant Professor of Psychology; Dr. E. H. Mensel to be Assistant Professor of German; Dr. A. S. Worthin to be Assistant Professor of Pathology; Dr. J. O. Reed to be Junior Professor of Physics; Dr. A. H. Lloyd to be Junior Professor of Psychology; and Dr. G. C. Huber to be Junior Professor of Surgery.

The German department has experienced a most serious loss in the death of Professor George A. Hench, who died as the result of a fall from a bicycle while riding in New Hampshire. He was a sound

philologist, a conscientious teacher, and as a colleague had the respect and esteem of all his associates. In his brief experience as head of the German Department, after Professor Calvin Thomas left the University, he showed also administrative capacity of a high order.

The University hospitals are so crowded that it is absolutely necessary to add to the existing facilities for the care of patients. The city of Ann Arbor has just presented the University with a spacious and beautiful plot near the campus, which will be used as a site for a new Homœopathic Hospital. Among other new buildings projected is a large biological laboratory.

Professor Martin L. D'Ooge, of the Greek Department, has leave of absence for next year, and will spend the whole of the winter and most of the spring in Greece. During his absence his work will be taken by Mr. Herbert F. DeCou, formerly Instructor in Greek in the University. Since 1894, Mr. DeCou has been connected with the American School of Classical Studies at Athens, engaged in cleaning and identifying the bronzes that were found by the Americans in their excavations upon the site of the ancient Argive Heraeum.

For several years a special effort has been made by members of the law and medical faculties to induce students to finish the prescribed literary course before entering upon their professional studies. To this end combined courses have been devised, by which prospective lawyers or physicians are enabled to elect subjects common to the two departments in which they pursue work. The whole course of study is thus more intelligibly planned, and much time is saved. The calendar for 1898-99 show that of the 418 students in the medical department about 24 per cent. had literary degrees; of the 738 law students over 15 per cent. had completed a preliminary literary course.

The percentage of women in attendance



at the University of Michigan shows a slight increase, but not large when compared with the whole number of students. During the last academic year, 673 women were enrolled, or 22 per cent. of the total registration, 453 being registered in the literary department. The only department, which has at present no women students, is the engineering. Ten women, including one full professor, are members of the university faculty.

Just before the close of the college year, the announcement was made of the establishment of a new literary society, Gamma Delta Nu, with nine charter members.

Three young men, hailing from Porto Rico, will pursue work in the University this year, two in chemistry and one in law.

Professor George Hempl has been appointed Editorial Critic of the Department of Pronunciation and Germanic Etymology in the large *Dictionary of the English Language*, in course of preparation by the Lippincotts.

At the commencement exercises in June, the members of the medical faculty inaugurated a commendable plan for the purpose of illustrating the work and resources of the department. This consisted in opening the laboratories to the public, and in giving semi-popular lectures and demonstrations. Clinics were given in ophthalmology, surgery, gynecology, and in skin and nervous diseases.

A very infrequent and difficult surgical operation was performed in May at the University hospital, in the case of a woman suffering from cancerous stomach. The operation consisted in cutting away the lower, affected half of the stomach, and joining the small intestine, which had thus been severed, to the upper sound portion of the organ. The patient suffered no ill effects from the use of the knife, has in fact entirely recovered, and is able to retain and digest light, nutritious food. The operation was performed by Dr. Nancrede, Professor of Surgery.

Professor Francis W. Kelsey, who is a member of the managing committee of the American School of Classical Studies at Rome, was recently appointed professor of Latin at the school for the year 1900-1901.

The diploma school system, by which graduates of accredited schools are admitted, without examination, to the University as candidates for a degree, was first inaugurated at Michigan in 1870. Since that time the system has developed and the number of diploma schools increased to such an extent, that it is no longer considered practicable for professors to devote the large amount of time they have been required to heretofore, in examining the approved schools. A university inspector has therefore been appointed. Mr. Myron W. Whitney, the new appointee, formerly principal of schools at Saginaw, Michigan, enters upon his duties this fall, and in addition to the work of inspecting, will offer courses in the pedagogical department. The number of schools upon the accredited list in 1897-98 was 190.

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THE election, last June, of Professor Benjamin Ide Wheeler to the Presidency of the University of California.

California was undoubtedly the wisest and happiest move that the Regents could have made. Fortunately for Professor Wheeler, the Board of Regents gave him at the same meeting, a practical illustration of one way in which the usefulness of Presidents in the past has been crippled—by the interference of individual Regents with academic affairs for purely personal ends. The newspaper reports of the meeting showed that in spite of the protest of the Head of the Department concerned, and of all other Heads of Departments, as well as of President Kellogg, a subordinate officer of instruction had been promoted to an associate professorship, at the instance of one of the Regents who, emphasizing his kin-

ship with the instructor as a reason for his interest, had solicited the promotion as a favor to himself.

Of this occurrence Professor Wheeler learned in time to assume an attitude which it is to be hoped he will be able to maintain. "In a letter to the Regents he set forth in plain terms the powers which he desired as President, and without which, he allowed the Regents to understand, it would be hardly worth his while to go to Berkeley. It was a strong letter from a strong man who knows what he wants, and who has no hesitation in stating his position.

Dr. Wheeler insisted on three main points. First, that all communications between the faculty and the Regents must be through the President; second, that the President alone shall have the initiative power to make changes in the personnel and salaries of the faculty; third, that when a matter of administration suggested by the President shall have been indorsed by a majority of the Regents, the minority of the board shall also give the President loyal support in carrying out the plans adopted. Dr. Wheeler referred incidentally to the recent case in which an instructor had been promoted despite the opposition of his immediate superior. It was intimated that such action was subversive of good discipline and of that harmony which should be maintained in the faculty."—(San Francisco *Examiner*, July 2d.)

After some indignant remonstrance on the part of the instructor's relative in the Board of Regents, and a few weeks' delay, it was decided to adopt the principles enunciated in Mr. Wheeler's letter as the policy of the Board. Such, to be sure, had been the nominal policy of the Board in accordance with one of its own regulations, since 1892; but it is just as well for President Wheeler that the profession should be made public and emphatic. President Wheeler brings to his new posi-

tion scholarship, long experience as a Professor, repute as administrative officer, personal charm and dignity, and the goodwill of students and colleagues, former and to come. The step that he has already taken in the assertion of academic independence and presidential prerogative has carried him far in the esteem of the Faculty and the Alumni of the University of California, and of those members of the governing body who have consistently sought the welfare of the institution.

Interest at present centers in the Phebe Hearst Architectural Competition. At the first *concours* in Antwerp, about a year ago, over one hundred plans were submitted by architects from all over the world, for the new buildings of the university. From these the jury of award selected eleven. The successful architects were given free conveyance to California for the purpose of examining the site of the University and perfecting their designs. Last week the architect judges, M. Pascal, of Paris, M. Wallot, of Dresden, Mr. Belcher, of London and Mr. Cooke, of New York, assisted by Regent Reinstein, representing the University of California, met in San Francisco, examined the final plans and awarded the first prize of \$10,000 to Monsieur E. Bénard, of Paris. The second prize fell to Messrs. Howells, Stokes and Hornbostel, of New York. The grandeur of Bénard's plans is beyond exaggeration. The dignity, classic grace, and adaptation of the proposed buildings to the site, at once suggests the familiar "restorations" of the Acropolis at Athens. If ever completed, the new home of the University will be altogether the most wonderful architectural display in the world. If never completed, the ideal will not have been vain.

The American architects took as their central feature the dormitories or the library. M. Bénard has chosen for his central idea the provision for the physical development of the student. Whether his

judgment is sound rests with future generations to decide. His gymnasium is altogether his most magnificent feature. "It is splendid as a Roman temple, long and sweeping, with a colonnade of Ionic pillars, to be carried out in nothing less than marble. Flights of steps treated ornamentally lead up to this building. In front of the gymnasium and on the two ends rise the tiers of seats of the tribunes, before which the races shall be run here and feats of strength performed. The interior of this building, shown in another plan, is not less beautiful than the exterior. There is a central court with a lofty dome, frescoes and marbles. On either side stretch the special gymnasia, one for women and one for men. Near by, and convenient for tired and hungry students, are the dormitories and dining rooms. Three streets lead directly to the tribunes and the gymnasium, and any crowd can be readily and quickly handled.

"The Gymnasia and Tribunes are to the south of the main group of buildings at a place where the level ground lends itself to athletic sports. Beginning at the lower end of the grounds, nearest the railway station, where the botanical gardens now are, the buildings easiest of approach are those in which the public is most directly interested. First comes Fine Arts square, a noble, open space, with the Academy of Music at one side and the larger auditorium at the other. Next is the University Museum, then the School of Fine Arts and the

smaller auditorium. As the grounds widen more buildings stand in line, the next tier containing the Civil Engineering building, the Library, the Administration building and the College of Mines. Next are the Agricultural Experiment Gardens and a great building devoted in different wings to ancient and modern languages, jurisprudence, pedagogy and philosophy, history and political economy. Wherever there is space dormitories are placed, so that students may live near the colleges in which they are most engaged, a convenience not thought of in other plans. The military department has a building of its own, and there are homes for chemistry, mechanical engineering and physics. The infirmary is a detached building on the higher ground, and at the other side of the grounds a round pavilion is marked off for a summer restaurant. Where the slope of the hill becomes steep the Natural History buildings stand, and above all are the observatories, their white and rounded domes looking down on the scene of all this beauty."

It is understood that Mrs. Hearst will at once proceed to the erection of the new College of Mining, and that she intends during her lifetime to see the plans well on their way toward realization. The Legislature has already voted a handsome income to be devoted annually for the next ten years to building purposes. It is expected that the pride and generosity of Californians will do the rest.

### Notes and Announcements.\*

A. C. McCLURG & Co., Chicago, announce a new volume by Mrs. Latimer, *Judea, from Cyrus to Titus*.

\* Publishers are requested to note that all literary announcements should be in the editor's hands not later than the 16th of the month. The subscription list of BOOK REVIEWS is one of 10,000 names. It circulates chiefly among the educational and professional classes and members of the book trade.

MISS LILLIAN WHITING's *Kate Field: a Record* is on the point of being issued by Little, Brown & Co., Boston.

JAMES T. WHITE & Co. announce *Our Three Admirals: Farragut, Porter and Dewey*, by James E. Homans.

PROFESSOR STANLEY LANE POOLE's new book *A Life of Babas*, the first Moghul

Emperor of India, is coming out this month.

A new and cheaper edition of Justin McCarthy's *Life of William Ewart Gladstone* will be published this month by The Macmillan Company.

HENRY HOLT & CO. will soon publish *The Life of Dean Liddell*, by Henry L. Thompson, Vicar of St. Mary's, Oxford, with illustrations, some after the Dean's own drawings.

VICTOR HUGO's Memoirs, translated by John W. Harding, will be published in this country by G. W. Dillingham Co., who also announce *The Funny side of Politics*, by George S. Hilton.

MESSRS. WILEY & SONS, New York, announce a work entitled *Statistical Methods with special references to Biological Variation*, by Dr. C. B. Davenport, of Harvard University.

A NEW novel of New York life, by Eleanor Stuart, is to be published by D. Appleton and Company. The title is *Averages*, and the story is said to be one of exceptional brilliancy and force.

*The Circle of a Century* is the title of a new novel by Mrs. Burton Harrison, about to be issued by the Century Co., along with a new edition of her *Anglo-maniacs*, with illustrations by Dana Gibson.

A new and cheaper edition of *The Letters of Elizabeth Barrett Browning*, edited, with biographical additions, by Frederic G. Kenyon, will be published during the month, in one volume by The Macmillan Company.

TEACHERS who have used Fontaine's *Livre de Lecture et de Conversation* will be interested to know that the edition of 1899, just issued by D. C. Heath & Co., publishers, Boston, contains a complete vocabulary in English.

*The Publishers' Trade-List Annual* for 1899 appears in unshrunk proportions from the office of the *Publisher's Weekly*. These united catalogues are, as we have more than once remarked, of value to the ordinary purchaser as well as to the trade.

STREET & SMITH's new list embraces a *Life of Admiral Dewey*, by Will M. Clemens; *Cuba—Porto Rico and Hawaii—Philippines*, by A. D. Hall; *The Vampire, and Other Poems*, by Rudyard Kipling; *The Awakening*, by Count Tolstoy.

PROFESSOR GOLDWIN SMITH's forthcoming work, *The United Kingdom*, is a political history of that kingdom dating from the earliest times to the reform bill of 1832. It ought to make an interesting companion to his book on *The United States*.

AN *Introduction to Rhetoric*, by Dr. William B. Cairns, is one of Messrs. Ginn & Co.'s latest publications.

Mr. Swinburne is about to break a long silence with the publication of a new drama, entitled *Rosamund*, which is promised for the early autumn.

R. H. RUSSELL's fall announcements include *The King's Lyrics*, poems of the time of James I. and Charles I., gathered together by Fitz Roy Carrington; *Animal Jokes*, comic drawings, by Mary Baker-Baker; and a portfolio of drawings by the German artist, C. W. Allers.

GEORGE W. JACOBS & CO., Philadelphia, announce *The British Isles Through an Opera-glass* by Charles M. Taylor, Jr., with 48 full page illustrations; *Martial Graves of Our Fallen Heroes in Santiago de Cuba*, by Henry C. McCook, D.D.; and *A Group of Old Authors*, by Clyde B. Furst.

THE OPEN COURT PUBLISHING CO., Chicago, will issue next month *Solomon and Solomonic Literature*, by Moncure D. Conway; *Science and Faith; or, Man as an Animal and Man as a Member of Society*, by Dr. Paul Topinard; and *The Evolution of General Ideas*, by Th. Ribot, translated by Miss Frances A. Welby.

*Rembrandt* is the subject of the latest volume in the series of "Monographs on Artists," written by Professor H. Knackfuss and published by Messrs. Lemcke & Buechner. The translation, as in the two previous volumes of the series, is by Mr. Campbell Dodgson, of the British Museum. The illustrations are profuse and carefully executed.

THE NEW AMSTERDAM BOOK CO. have in press a new edition of Frank Smedley's novels, with impressions of Cruikshank and Phiz's illustrations from the original plates; Gilbert à Beckett's *Comic Histories of England and Rome*, with John Leech's illustrations (a part in color); Admiral Beresford's *Life of Nelson*, and *Nights with an Old Gunner*, by C. J. Cornish.

THE late George William Curtis's *Præ and I* antedates but a year or so William Allen Butler's *Nothing to Wear*, and Harper & Bros. have now brought out both in handsome style—Mr. Curtis's fantasy with a portrait and three delicate illustrations; Mr. Butler's whole body of poetry, also with a portrait of the author, who still survives to note in the dedication his golden-wedding anniversary.

E. P. DUTTON & Co., have just ready *Recollections of an Old Musician*, by Thomas Ryan, of the Mendelssohn Quintette Club, Boston, who was personally acquainted with almost every musician of note among his countrymen and the foreigners who have visited America; and *A History of Pianoforte and Pianoforte Players*, translated from the German of Oscar Bie; and Bayley's *The House of Strange Secrets*.

A SERIES of *Popular Studies in Mythology, Romance and Folk Lore* is announced in London. It will include *Celtic and Mediæval Romance*, by Alfred Nutt; *Folk-Lore: What is it, and What is the Good of it*, by E. Sidney Hartland; *The Fables of Æsop: How They Were Brought Together*, by Joseph Jacobs; *Ossian and the Ossianic Literature*, by Alfred Nutt, and *Arthur and His Knights*, by Miss J. L. Weston.

A VERY elaborate manual, entitled *American Investments Classified*, has been compiled and published by Mr. Curtis G. Harraman, of New York. The peculiar feature of it is its lists not only of investments, but also of investors, which show the ownership of Government, municipal, and other bonds held by all sorts of financial institutions. The labor of making such a compilation is very great, and its value to investors corresponds. Another volume is to follow.

LITTLE, BROWN & Co. publish a useful manual entitled *The War-Revenue Act of 1898 Explained*, by John M. Gould and Edward H. Savary. Besides the text of the act, the interpretations and decisions which every section has received or occasioned are given, as well as the decisions of the English courts on similar provisions of their stamp acts. An appendix contains a paper on the law in its relations to conveyancing, prepared by the Abstract Club of Boston.

THE late Rev. Dr. Alexander Balmain Bruce's *The Moral Order of the World* will be published next month by Charles Scribner's Sons. Shortly forthcoming also are *The Powers at Play*, short stories by Bliss Perry; *Dionysius, the Weaver's Heart's Dearest*, by Blanche Willis Howard; *On Trial*, by Zack; *The Yarn of the Bucko Mate*, by Herbert E. Hamblen; *Searchlight Letters*, by Judge Grant; and the second volume of Max Müller's reminiscences, *Auld Lang Syne* (in India).

*The Hero of Manila* is the title of a new book in the Young Heroes of our Navy Series which is to be published immediately by D. Appleton and Company. The author, Dr. Rossiter Johnson, sketches phases of Admiral Dewey's boyhood which are comparatively unfamiliar, and also presents a vivid picture of Dewey's experiences on the Mississippi under Farragut. The book, which closes with an account of the battle of Manila, is elaborately illustrated, and will be found to be of permanent historical value.

CHARLES SCRIBNER'S SONS have in preparation for early publication an important work by Cosmo Monkhouse. It is to be entitled *British Contemporary Artists*, with many reproductions of famous paintings, portraits and studies. The work will include material of the highest critical and descriptive value on Burne-Jones, Watts, Alma Tadema, Millais, Leighton, Orchardson, Poynter, and others. On its pictorial side every endeavor is being made to present the most sumptuous art work of the season.

*The Life of Lord Tennyson* written by his son Hallam and which up to the present time is the standard biography of the late laureate, will be brought out in Octo-

ber by THE MACMILAN COMPANY in an entirely new edition, which together with the poet's complete works will make ten uniform volumes. The edition will contain portraits, photogravure and steel, together with other illustrations, and will be limited to 1,000 sets. It will be printed on special paper, and will be sold only in the set.

ANOTHER children's story from Mrs. Molesworth's pen will be published in a few weeks by The Macmillan Company, its title will be *This and That, a Tale of Two Tinies*. The same publishers will bring out in one volume during the early fall this author's "Tell Me a Story," "Herr Baby," "Little Peggy," and "Nurse Heatherdale's Story," and in another volume "Rosy," "The Girls and I," "The Children of the Castle," and "Four Winds Farm."

A NEW and cheaper edition of the *Complete Works of Edgar Allen Poe*, edited in four volumes by J. H. Ingram, will be published immediately by The Macmillan Company. It will contain, as formerly, the memoir by the editor, a portrait and other illustrations. The paper used in this second edition will be such as to make it even more handy than the first and more expensive issue, while the topography will be the same as formerly.

AMONG recent publications by The Macmillan Company are three books of some interest to students of literature. *The Development of the English Novel*, by Wilbur L. Cross, Assistant Professor of English in the Sheffield Scientific School of Yale University. *Some Principles of Literary Criticism*, by C. T. Winchester, Professor of English Literature in Wesleyan University, and *An Introduction to the Poetical and Prose Works of John Milton*, by Hiram Corson, LL.D., Professor of English Literature in Cornell University.

TRUSLOVE, HANSON & COMBA have nearly ready *Embroidery, or the Craft of the Needle*, by W. G. Paulson Townsend and Louisa F. Pesel, with 70 illustrations; an *Illustrated History of Furniture*, by Frederick Litchfield, and the same author's guide to collectors, *Pottery and Porcelain*;

*The Bibelots*, six volumes of reprints for the book-lover, edited by J. Potter Briscoe, beginning with Coleridge's *Table-Talk*; *Saunterings in Bookland*, edited by Joseph Shaylor; and an *édition de luxe* of Hans Christian Andersen's *Fairy Tales*.

AN important book on mountain climbing will shortly come from the press of Charles Scribner's Sons. The title of the work is *The Highest Andes*. The author is Edward A. Fitzgerald, F.R.G.S. Although therein is popularly related the ascent of the loftiest mountain ever climbed and other thrilling experiences of South American adventures, the book is extremely valuable from a scientific point of view, as its appendices contain much exact information regarding the high altitudes reached. In the ascent of Mount Aconcagua the author attained an altitude of 23,000 feet, which is the loftiest point ever climbed to.

D. VAN NOSTRAND COMPANY have just added to their Science Series *Potable Water and Methods of Detecting Impurities*, by M. N. Baker, associate editor of *Engineering News*, presenting clearly and briefly the essential qualities of potable water, how it may be obtained and the significance of chemical, bacterial and microscopical tests of its quality. The book is to replace a volume in the series with practically the same title, written by Charles Watson Folkard about twenty years ago, the many changes of two decades having made necessary more up-to-date information.

D. C. HEATH & Co., Publishers, Boston, have just issued Spanhoofd's *Lehrbuch der deutschen Sprache*, a first year's course in German where the work in the classroom is conducted in the German language. It contains drill in conversation and grammar, with exercises and reading, and differs from other conversational books in basing the entire work on a careful, logical and thorough study of the elements of grammar; also in providing a complete vocabulary for private study, and with the grammar work carefully taken up in English, although the classroom work is expected to be entirely in German.

A NEW novel by the author of *The Courtship of Morrice Buckler*, has just been published by The Macmillan Company. Many readers will remember the stirring and clever work which first gave Mr. A. E. Mason his reputation, and will look forward to his new book *Miranda of the Balcony* with some interest. The scene of this story is laid chiefly in Spain and Morocco, and the story which is an exciting one, hinges on the action of a woman, under a contemptible pressure placed upon her by a blackmailing acquaintance of her husband, who is separated from her. The hero of the story is a young engineer, and the plot is very adroitly carried out.

A SECOND edition of Professor E. R. A. Seligman's work on *The Shifting and Incidence of Taxation* appears from the press of The Macmillan Company. So much has been added, and the revision has been so complete, that scarcely a single page, the author tells us, will be found the same as in the first edition. The substance of the work, however, remains the same, and it is too well known to require extended notice. The recent changes in the laws of New York, which recognize the principle of taxing the "unearned increment" in the case of one class of corporations, may produce such a shifting of taxation as will give especial timeliness to the appearance of this volume.

*Richard Carvel* is now in its seventeenth edition and its one hundred and fiftieth thousand. An amusing story which appeared in the *Baltimore News* is going the rounds about its author. It reminds one of the old Quaker who said "nobody in the world is quite right except me and thee."

A little old Irishman, seeing the picture of Winston Churchill displayed in the window of a Baltimore bookseller, inquired of a bystander whom it represented. Winston Churchill was the reply. "Where does he preach?" Being told that Mr. Churchill was not a preacher, he asked: "Ain't he? What did you say his name is?" "Winston Churchill. He writes novels." "Does what?" "Writes novels." The Irishman shook his head with a look of pity, and declared: "Too bad, too bad! He has a good face."

NEXT come the dainty Temple Classics of Dent-Macmillan, with the 1538 edition of Elizabeth Carter's version of Epicuretus's Moral Discourses, in two volumes, embodying the translator's high apology for literal uncouthness—"for else, taking greater liberties would have spared me no small pains;" two volumes of Herrick's *Hesperides* (1648); Basal Montagu's *Thoughts of Divines and Philosophers* (1832); Sterne's *Sentimental Journey* (1768); George Cavendish's *Life and Death of Thomas Wolsey* (after the MS. edited by Singer in 1815, 1827); and Wordsworth's *Sonnets*, the first complete since the poet's own extraction of them for separate publication in 1838. This last we must, on the whole, consider the gem of the present instalment of the classics.—*Nation*.

A CAREFUL selection from the famous Froissart chronicles has been made by Mr. H. Newbolt, author of *Admirals All*, and will be published by The Macmillan Company under the title *Stories from Froissart*. It will contain many full-page illustrations, and the selection has been made with special reference to its use by young people. As a storehouse of history Froissart is unexcelled, and besides being delightful stories in themselves, these selections and their many quaint illustrations have much educational value for the young student. The pictures deserve special notice. They are facsimiles of descriptive drawings contemporary with the chronicles themselves and illustrate in an exceptional way the customs, dress and manners of those times. That the author of *Admirals All* knew how to write a famous story himself gives some promise that his selection will be welcome to young story readers.

*Historic Towns of New England*, published last winter by G. P. Putnam's Sons, was received with marked favor. The success of this series has caused the publishers to present another series entitled *Historic Towns of the Middle States*, uniform with the first, and edited also by Lyman P. Powell, with an introduction by Dr. Albert Shaw. Arrangements have already been made with authors for the different articles, which have been assigned as follows: "Albany," by W. W.

**Battershall**; "Saratoga," by Ellen H. Walworth; "Schenectady," by Judson S. Landor; "Newburg," by Adelaide Skeel; "Tarrytown," by H. W. Mabie; "Brooklyn," by Harrington Putnam; "New York," by J. B. Gilder; "Buffalo," by Roland B. Mahany; "Pittsburg," by S. H. Church; "Philadelphia," by Talcott Williams; "Princeton," by W. M. Sloane, and "Wilmington," by E. N. Vallandigham.

DR. HOWARD LILIENTHAL, attending surgeon to Mount Sinai Hospital, in the City of New York, has just completed his work on *Imperative Surgery; for the General Practitioner, the Specialist and the Recent Graduate*. It will be published in a few weeks by The Macmillan Company. The practitioner of general medicine, who rarely takes up the scalpel, the specialist, whose path seldom leads him to the operating room, and the recent graduate who, though versed in the love of books and lectures, has seen but little surgery at close range are those for whom this work is intended. It deals only with the diagnosis and treatment of conditions which demand immediate operative measures and it presupposes the absence of a surgeon and the impossibility or inexpediency of removing the patient or of waiting for expert assistance. The book will be fully illustrated from photographs or drawings made during the progress of actual work in the author's practice.

THE title of Professor Shailer Matthews' book which The Macmillan Company announces is *The History of New Testament Times in Palestine*. It covers the important period 175 B. C.—70 A. D. While strictly a narrative of the events of these years, it includes brief studies of the literature and political institutions of the Jews, and especially of the Messianic hope. The life of Jesus and the work of Paul are thus brought into their proper historical relations. Although brief, it is believed that no important element of Jewish history during these years has been omitted. A somewhat unique feature is the centering of the attention upon the rise of Pharisaism and its struggle with Sadduceean and Monarchical tendencies, as well as with various Messianic movements, including Christianity. It is hoped that the book

will be of great service to the students of the life of Christ, as well as serving as a desirable introduction to the Sunday-school lessons of 1900 and 1901.

THE second and concluding volume of Mr. Thomas E. Watson's *Story of France* will be published early in October. It will be devoted to the revolution, that is to say, the period between the death of Louis XV. and the Consulate of Napoleon Bonaparte. Speaking of Volume I. which appeared in the spring, Henry M. Baird says, in *Literature*: "He has given us a highly interesting book upon one of the most fascinating themes of history. *The Story of France* is the fruit of great research, and is a conscientious and thoroughly readable presentation of a great theme." "His style," George Cary Eggleston says, "is terse, simple and direct. In narration he is rapid and graphic. His diction is strong, and his presentation of events and of social conditions is always picturesque and often dramatic. He has wit, humor, and much of that rhetorical fervor which in oral utterance we call eloquence."

SMALL, MAYNARD & CO., will continue their Beacon Biographies with lives of Hawthorne, by Mrs. James T. Fields; Thomas Paine, by Ellery Sedgwick; John Brown, by Joseph Edgar Chamberlain; Aaron Burr, by Henry Childs Merwin; and Frederick Douglass, by Charles W. Chesnutt. Further announcements are: *The Territorial Acquisitions of the United States*, by Edward W. Bicknell; *The Future of the American Negro*, by Booker T. Washington; *Their Shadows Before*, a tale of Nat Turner's insurrection; *Mr. Dooley: In the Hearts of His Countrymen*, selections from the Letters of Thomas Gray, edited by Henry Milnor Rideout; *Things as They Are*, social essays by Bolton Hall; *Little Beasts of Field and Wood*, by William Everett Cram; *An Alphabet of Celebrities*, pictures and verse by Oliver Herford; *In Case of Need*, by Ralph Bergengren; new volumes of verse by Richard Hovey, *Taliesin*, Professor Richard Burton, *Lyrics of Brotherhood*, and John B. Tabb, *Child Verse, Grave and Gay*, and a fresh translation of Hérédid's *Trophies*, by the Rev. Frank Sewall.

THE title of Maurice Hewlett's new book is *Little Novels of Italy*. It is pub-



lished by The Macmillan Company. The first "little novel" in the book is entitled "The Madonna of the Peace Tree," which has been so eagerly waited for by those who admire Mr. Hewlett's work. It is not often that two such well known writers as Mr. James Lane Allen and Mr. Hamilton Mabie think it worth while to speak so enthusiastically about the work of a fellow craftsman as they have in the two following quotations from their articles upon *The Forest Lovers*. The former says: "In the matter of style alone, it is an achievement, an extraordinary achievement; \* \* \* in the matter of interpreting nature, there are passages in this book that I have never seen surpassed in prose fiction"; while Mr. Hamilton W. Mabie says: "The plot is boldly conceived and strongly sustained; the characters are vigorously drawn and are thrown into striking contrast. \* \* \* It leads the reader far from the dusty highway; it is touched with the penetrating power of the imagination; it has human interests and idyllic loveliness."

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MR. HAMLIN GARLAND has prepared a new and revised edition of *Main Traveled Roads* which will contain some additional stories. *Main Traveled Roads* will probably remain Hamlin Garland's best known book. It was his first appearance as the author of a bound volume, and nothing he has written since obscures it. He himself considers *Rose of Dutcher's Coolly* his best book up to the present, but that *Main Traveled Roads* comes next. The new edition has been revised, and contains several new stories, which properly should have been included with the six original "Mississippi Valley Stories." This is the author's edition, and it is definitive. No further changes will be made in it. The edition also contains as an introduction the hearty greeting to the original edition which W. D. Howells wrote for the Editor's Study. It is here used with Mr. Howells's cordial consent, and well represents the impression Mr. Garland's work first made on his readers. It will be published by The Macmillan Company in the uniform edition with *The Rose of Dutcher's Coolly*, *Prairie Folks*, etc.

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THE MACMILLAN COMPANY have just published *Topics of United States His-*

*tory* by John G. Allen, Ph.D., Principal of the High School, Rochester, N. Y. The book is designed to accompany any good text book and aid in the selection of courses. It begins with a suggested working library for teachers, followed by a series of introductions on the use of the topical method, with sources, suggestions to teachers, the desired result, how to study, the recitation, talks to create interest, and memory lessons. Then follow the systematically arranged topical studies from pre-Columbian times to the present. This is accompanied by a series of illustrative, marginal references to sources, and other material, serving as a guide to useful reading for boys and girls, and as a bibliography for teachers. Other noticeable features of the book are that it shows the close connection which geography and civil government sustain to history, the intimate relations existing between our country and other nations and important national events concurrent with European history.

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AMONG The Macmillan Company's autumn books is a historical novel entitled *Ben Comee*, by M. J. Canavan, a Boston writer of clever pen, and deliver in things historical. It is a story of life in Lexington in the middle of the last century, and of three Lexington boys who enlisted in Rogers' Rangers, and fought in the French war in the years 1759-60. It has a sketch of old Bishop Hancock, the pastor of the town, and of his grandson, John, afterward the governor. The village life is well portrayed, with its wrestling matches, pigeon shoots and fox hunts. The war comes on, and we meet with the sergeant beating his drum through the town enlisting recruits. Men are constantly departing for the war and finally they enlist under Rogers and John Stark. Then they take part in a number of dangerous scouts, are present at the battle of Ticonderoga, and, with Rogers, go on a hazardous expedition into Canada to destroy the St. Francis Indians. Pursued by the Indians and half starved, they arrive at the Ammonusuc River where their provisions should be, and find none. They build a raft and drift down the river, and finally reach Fort No. 4. The book is full of adventure, and in the latter part of the tale is a pretty love story.

So great was the popularity of Carl Schurz's Essay on Lincoln which appeared in the *Atlantic Monthly* a few years ago that it was afterwards published in book form. The publishers, Messrs. Houghton, Mifflin & Co., acting in accordance with their established policy of selecting for the Riverside Literature Series material which has stood the test of time, have now added this sketch to the series as No. 133, the price of which, in paper covers is 15 cents. Supplementing the essay is given an interesting biographical sketch of Schurz, together with testimonies by Emerson, Whittier and Holmes. This essay is also published in cloth at 40 cents, in combination with No. 32 of the series, containing Lincoln's Gettysburg speech, and other papers, and an essay on Lincoln by James Russell Lowell.

As is well known, Mr. Schurz joined himself with Lincoln, in 1858, in the latter's memorable campaign against Douglas, and afterwards in Lincoln's presidency served under him as Minister to Spain. Through these associations he gained a personal knowledge of Lincoln's character, from which he has drawn in the preparation of this remarkable essay. Teachers who are seeking reading matter of a sound patriotic character can do no better than to examine this interesting little book.

THE many readers who enjoyed *An Experiment in Altruism* and *A Puritan Bohemia* will eagerly welcome Miss Sherwood's novel, *Henry Worthington, Idealist*, which is of wider scope and more complex interest than her previous work. It has just been published by The Macmillan Company. Primarily a love story, as old and as new as youth, told with a power both simple and subtle, the book is also a vigorous study of certain peculiarly modern, social and economic problems. Henry Worthington, youngest in an honored line of academicians, is called to the chair of Economics in the university where he was graduated, and where his father holds a professorship. The young man has added to his inheritance of scholarly tradition a new and disturbing social creed. By the strength of ancestral principle he lives according to modern conviction, and he comes into collision with all that is dearest to him—with his father, who is his hero; with the university, which is his ideal, and, by a fateful complication of

circumstances, with the woman whom he loves. There is a delicate yet evasive reality in the academic town which is the setting of the story; there is an unescapable appeal in the contrasted portrayal of the life in bad shops and worse tenements; there is humor, pathos and tragedy in the presentation of character.

THE MACMILLAN COMPANY have taken over the publication of the six following works hitherto issued for the Chautauqua Reading Circle by Flood and Vincent, of Meadville, Pa. *A Survey of Greek Civilisation*, by J. Pentland Mahaffy, D.D., Professor of Ancient History, Trinity College, Dublin. With many illustrations. *A History of Greek Art*, by F. B. Tarbell, Professor of Classical Archaeology in the University of Chicago. With an introductory chapter on art in Egypt and Mesopotamia. With over 200 illustrations. *Roman and Mediæval Art*, by Wm. H. Goodyear, Curator of Fine Arts, Brooklyn Institute Museum; author of *The Renaissance and Modern Art*, etc. With many illustrations. *The Renaissance and Modern Art*, by Wm. H. Goodyear, Curator of Fine Arts, Brooklyn Institute Museum; author of *A History of Art, The Grammar of the Lotus*, etc. With many illustrations. *From Chaucer to Tennyson*, by Henry Augustin Beers, Professor of English Literature in Yale University; author of *A History of English Romanticism in the Eighteenth Century*. With twenty-nine illustrations, and selections from thirty authors. *The Growth of the American Nation*, by H. P. Judson, Professor of Political Science in the University of Chicago; author of *Europe in the Nineteenth Century, Caesar's Army, A Study of the Military Art of the Romans*, etc.

IN view of the recent interest shown in the experiments in liquid air, Mr. Willett Lepley Hardin's book on *The Liquefaction of Gases, Its Rise and Development*, should be a timely publication. Mr. Hardin is Harrison Senior Fellow in Chemistry in the University of Pennsylvania, and his book presents a complete history of the development of the methods employed in the liquefaction of gases. Recent developments in the liquefaction of air and the recent liquefaction of hydrogens have added considerable interest to

the whole subject of the liquefaction of gases. The literature on this subject is scattered, for the most part, in foreign journals, and is inaccessible to a majority of those who are interested in scientific work. The object of this little volume is to present a complete history of the development of the methods employed in the liquefaction of gases. Sufficient theory has been given to enable the popular reader to understand the principles involved. While the book has been written in a popular-science style, an effort has been made to make it of value to those who are especially interested in the subject by giving the reference to the original literature. The various forms of apparatus are shown by illustration. In addition to the history of the development of the methods, the condition of matter at the critical point, the theory of the gaseous and liquid states of matter, and the theory of the regenerative method of refrigeration are also considered. In the conclusion, a brief outline is given of researches at low temperatures and of the industrial application of liquefied gases. The Macmillan Company are the publishers.

AN especially timely work on *Tropical Colonization*, by Alleyne Ireland, has just been issued by The Macmillan Company. The author has spent ten years in the tropics in special study of his subject, and his book deals with the three great questions which arise in regard to colonies in the tropics: How to govern a tropical colony, How to develop a tropical colony, and The commercial value of a tropical colony. In regard to the first point, Mr. Ireland examines in detail the English Crown Colony system, the constitution of those British tropical colonies which possess representative institutions, the French Colonial system, and the Dutch government of Java. In regard to the second point, Mr. Ireland gives a minute account of the labor problem in the tropics and describes the system of Indentured Labor in force in some tropical colonies, and the Dutch "Culture System," the only systems which have succeeded since the abolition of slavery in securing an efficient labor supply for the development of the tropics. The author enforces his descriptions by important statistics. In regard to the commercial value of colonies, Mr. Ireland, by the use of

ten original diagrams, presents an exhaustive analysis of the question of "Trade and the Flag," and exhibits in a striking manner the relative importance to England of the British tropical colonies, the British non tropical colonies, and the United States as sources of supply and as markets for British goods. An appendix contains a classified list of about 500 works on British, French, Dutch, American, German, Portuguese, and Italian colonies, and the author has provided the work with a copious index.

LITTLE, BROWN & CO. will publish this autumn an *Art Life of William Morris Hunt*, by Helen M. Knowlton, one of Hunt's pupils; *In Ghostly Japan*, by Lafcadio Hearn; *Kate Field, a Record*, and *A study of Elizabeth Barrett Browning*, both by Lillian Whiting, author of *The World Beautiful*; *The Puritan as a Colonist and a Reformer*, by E. H. Byington, author of *The Puritan in England and New England*; a volume of essays on the Spanish war, by Captain Mahan; new holiday editions of Parkman's *Montcalm and Wolfe*; new revised edition of Drake's *Old Landmarks and Historic Fields of Old Middlesex*, to be called *Historic Mansions and Highways Around Boston*, and of Mabel Loomis Todd's *Total Eclipses of the Sun*. In poetry their new list will include Mrs. Moulton's new volume, *At the Wind's Will*; Gertrude Hall's *The Age of Fairgold*; *Out of the Nest*, by Mary McNeil Fenollosa; *Poems by Keats and Shelley*, illustrated by E. H. Garrett, and *The Night has a Thousand Eyes and Other Poems*, by F. W. Bourdillon. In fiction they will publish *Invisible Links*, a volume of stories by Selma Lagerlöf, author of *The Story of Gösta Berling*; *The Sword of Justice*, by Shepard Stevens, author of *I Am the King*; *From Kingdom to Colony*, by Mary Devereux; *Bruno*, a story of a dog, by Byrd Spillman Dewey; *The Bronze Buddha*, by Cora Linn Daniels; a new translation by George Burnham Ives of Gaboriau's *File No. 113*, and *Sarragossa*, by Perez Galdos, an authorized translation by Minna C. Smith. The new juveniles include *The Island Impossible*, by Harriet Morgan; *With Fife and Drum at Louisville*, by J. Macdonald Oxley; and the *Iron Star*, by John Preston True. A number of favorite authors are represented

by the following new volumes: *Madam Mary of the Zoo*, one of Mrs. Wesselhoeft's fable stories; a new volume in the Young Puritan Series, *The Young Puritan in Captivity*, by Mary P. Wells Smith; *A Flower of the Wilderness*, by A. G. Plympton, author of *Dear Daughter Dor-*

*othy*; *The Boys of Marmiton Prairie*, by Gertrude Smith, author of *Ten Little Comedies*; *Rob and Kit*, by the author of *Miss Toosey's Mission*; *The Boys and Girls of Brantham*, by Evelyn Raymond, author of *The Little Lady of the Horse*.

## Reviews.

### GENERAL LITERATURE.

*The Story of the Mind.* Professor J. M. Baldwin. Appleton & Co.

This volume is one of the series comprising the Library of Useful Stories. The plan of the author is to give, first, a general account of the scope of psychology, and then to take up, in order, its various branches: Introspective, Genetic (Animal and Child Psychology), Physiological, Experimental, Abnormal, Individual, Educational, Racial and Social Psychologies. Most of these subdivisions are treated in separate chapters. The author frankly admits that a good deal of the material has been drawn from his earlier publications; consequently, it is rather the manner of arrangement and presentation that invites comment than the contents of the book itself. It is, in the first place, a difficult matter to cover so large a body of knowledge in 240 pages and yet make it into a "story." The writer's success seems to lie in his candid and clear statement of facts and principles; he retains the dignity of scientific diction, and is nevertheless intelligible to his audience. He does, however, approach a dead level in presentation which is apt to be fatal to narration. Mere changes of niveau, more "situations," would have made the book more truly a story; and surely the material lends itself to such treatment. The allotments of space to the various divisions are somewhat open to criticism from the general standpoint; e. g., the spaces 1:2:3 (approximately), given to Introspective, Animal and Child Psychology respectively, seem hardly in proper proportion. Again, the entire separation (half the book) of introspection and experiment scarcely gives a true account of methods and materials. One feels some delicacy in making a similar complaint about the exclusive introduction of "local characters" in the Story of Experiment. This may give "greater reality" to the chapter, as the preface predicts (particularly when we suddenly turn a laboratory corner and run plump against "Mr. B." the author himself); but it scarcely gives a series of representative methods or results for experimental

psychology as a whole. Beside its general survey, however, which will be of importance to the psychologist in his novitiate, this little book holds a surprising amount of psychologic lore, well intended to widen the circle of its influence. —*Philosophical Review*.

*The Physical Nature of the Child and How to Study It.* By Stuart H. Rowe. The Macmillan Company.

Dr. Stuart H. Rowe, the supervising principal of the Lovell school district in New Haven, writes *The Physical Nature of the Child and How to Study It* (The Macmillan Co., \$1), because his experience has convinced him that there is a widespread disregard by parents, teachers and school boards of the physical nature of children. This is the more regrettable since it is the cause of a far larger amount of psychical deformity than is generally imagined, and is, in the main, an avoidable cause. Mr. Rowe's book is eminently practical, concise and to the point. He deals in turn with sight, hearing, and the minor senses; with defects in motor-ability, and especially in enunciation; with the pathology of nervousness and fatigue, with precautions against disease, and other matters of hygiene; and, very interestingly, with the relations of physical well being to mental growth and to moral development, especially during adolescence. Finally, Dr. Rowe speaks of the school conditions that affect the child's physical nature, and ends with a suggestive catechism for parents on the home life. —*The Churchman*.

*Webster's Collegiate Dictionary.* G. & C. Merriam.

G. & C. Merriam have just issued *Webster's Collegiate Dictionary* supplying the need for an abridged dictionary which shall be full, accurate and authoritative, and well adapted to the requirements of the scholar, yet practical enough for the business man and the journalist. It is a handsome, well-bound volume of 1,116

pages, 948 of which are devoted to the vocabulary proper, and its size, convenient for easy reference, combined with its fulness and reliability, make it a most useful and desirable dictionary for the busy man and the student. The *Collegiate Dictionary* has one feature that is peculiarly its own; that is the Glossary of Scottish Words and Phrases in the Appendix. This Glossary is the most complete in its contents of any equally accessible compilation of Scottish terms, and plainly and accurately indicates the pronunciation of the Scottish dialect. This feature of the *Collegiate* has an especial value to the thousands of readers of Stevenson, Crockett, Barrie, MacLaren and other delineators of Scottish life and character, and will not lose its interest or usefulness as long as Burns and Scott are classics. Other important and instructive features of this Appendix are a Pronouncing Vocabulary of Scripture, Greek and Proper Names, with Modern Geographical and Biographical Names; a newly revised Vocabulary of Rhymes, and a list of English Christian Names with foreign equivalents. The student, as well as the general reader, will find the account of the deities and heroes in Greek and Roman mythology interesting and useful, and everybody can consult the translations of foreign words and phrases with profit. In addition are tables of abbreviations and of arbitrary signs used in writing and printing.—*The Publisher's Weekly*.

*The Life of William Morris.* By J. W. Mackail. 1899. 2 vols. Longmans, Green & Co.

Mr. Mackail has given us a biography that is in some respects the most important of the year. Perhaps it is too elaborate, and yet so varied was the activity of William Morris that his life could hardly have been got into smaller compass. Some of the quotations from diaries, letters and published writing might have been condensed with profit; but, on the whole, we think Mr. Mackail has handled his materials with a skill far above the ordinary. He has an excellent style, sympathetic knowledge of his subject, and a greater variety of interesting topics to deal with than usually falls to the lot of the biographer. The publishers, too, have done their best to make the work worthy of the founder of the Kelmscott Press.

But the main question about a biography is, "Does it make its subject alive for us?" In the present case this question may be answered with a strong affirmative. Morris was a poet of markedly individual genius, a designer of much excellence, an efficient as well as an artistic worker in the various crafts of furniture-making, dyeing, tapestry-weaving, printing, etc.; but more than all this, he was a man who loved his fellows with an ardent passion. We confess that it is as an avowed socialistic leader, at first active, then passive, that he most interests us. But we can easily conceive how a lover of poetry or a

devotee of the industrial arts might regret that he consumed his time and his vital energy in a crusade so apparently quixotic as that undertaken by the Socialist League and the Democratic Federation. It must be remembered, however, that Morris was at bottom a man of action rather than of thought. If he had not become the champion of the poor and the distressed, he would not have been half so interesting a figure to those who survive him.

While we have been more interested in the story of Morris's socialistic propagandism than in the chapters on his poetry and his manifold labors in the arts, it would be unfair to an important and delightful book if we did not call attention to its significance for the student of Victorian poetry and the remarkable aesthetic revival of the last quarter of the century. Mr. Mackail has done his work so conscientiously and thoroughly that we have not been able to tell which phase of his subject's varied character most appealed to him.—*The Churchman*.

*Robert Raikes: the Man and his Work.* Edited by J. H. Harris. E. P. Dutton & Co.

A work of unusual interest among biographies is a memorial of the founder of Sunday schools, entitled *Robert Raikes, the Man and his Work*, edited by Mr. J. Henry Harris from material collected by his deceased father, Mr. Josiah Harris, who had purposed writing a history of Sunday-schools throughout the world. Mr. Raikes, editor of the *Gloucester Journal*, was led by years of unavailing benevolence among the lowest of the people to see that they could be reclaimed only by catching them young. Accordingly, in the absence of any elementary schools, he gathered the alum children of Gloucester on Sundays to be taught to read. Thus was the modern Sunday-school born, November 3, 1783. It is incredible, yet true, that some respectable people opposed this: it would make the poor discontented if they were instructed. Remarkable, also, that this should have brought over a committee from the French Academy to examine the plan for creating a new race. The history of the movement is of special interest to the sociologist. It was a specifically humanitarian rather than religious undertaking at the start. Mr. Raikes himself had no scruples about working on Sunday to bring out his Monday edition of the *Journal* with the latest news. A great deal of first-hand testimony from his pupils and other contemporaries is brought out in this volume, with the result of a very graphic picture of the man and his work. He had his reward in seeing over 400,000 children gathered in well-organized Sunday schools before his death in 1811. This memorial volume contains a number of his unpublished letters, and others from the Raikes family, together with a dozen illustrations, and an introduction by Dean Farrar.—*Outlook*.

*The Soluble Ferments and Fermentation.* By J. Reynolds Green, Sc.D., F.R.S. The Macmillan Company.

Probably no subject in the whole of the vast domain of biology exceeds this in interest, and certainly none transcends it in the importance of its bearings on the doings of the human race. The bread and cheese we eat, the beer and wine we drink, are entirely dependent on these ferments for their preparation; and the same is true of the processes of digestion which render their products assimilable into the plant or animal economy.

Then, have not Pasteur and men who have followed him made clear that the principle of fermentation lies at the root of an enormous class of diseases; and demonstrated the truth of the doctrine by that most cogent of all arguments—experimental production of the disease from the use of the agents, and cure or prevention of it by the employment of the antidotes and therapeutic measures suggested by the scientific inquiry?

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Dr. Green gives us a very exhaustive account of the many various enzymes now known.

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It is, of course, impossible in a review to go far into particulars concerning these numerous forms, of which, moreover, there are many varieties. On reading Dr. Green's admirable and exhaustive account of them, the student will be struck with the prominent position which the study of plants occupies in the elucidation of the properties of enzymes. The author has collected a long list of authorities, and since he has made the study of fermentations peculiarly his own for some years, we may accept the literature as practically complete.

It is not necessary to recommend the perusal of the book to all interested in the subject, since it is indispensable to them, and we will merely conclude by congratulating the Cambridge Press on having added to their admirable series of Natural Science Manuals an eminently successful work on so important and difficult a theme, and the author on having written a treatise cleverly conceived, industriously and ably worked out, and, on the whole, well written. At the same time, it should be pointed out that such a work was especially in need of a good and exhaustive index, and that it is a pity the author did not compile one himself.—*Nature*.

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*A Short History of the Progress of Scientific Chemistry in our own Times.* By Professor W. A. Tilden. Longmans, Green and Co.

In size and scope Professor Tilden's short history recalls Wurtz' brilliant title "History of Chemical Theory," published thirty years ago. But whereas the key-note of Wurtz' book was the "immortal memory" of Lavoisier, and its main theme the vindication of French chemists *contra mundum*, the spirit of Dr. Tilden's book

lies in its impartiality and sound judgment. In mode of treatment, too, the authors differ. Wurtz, with more personal touches and controversial points, traces the main ideas of chemical combination from the time of Lavoisier continuously to his own; Professor Tilden, adopting the more natural lecture method, has given us separate histories of the main lines of chemical progress during the Victorian era. We cannot doubt but that the student will find the modern book handier to consult, and sounder, though possibly less stimulating, than its predecessor.

The difficult task of selection has been, on the whole, successfully met by Professor Tilden. We can heartily commend for its lucid treatment the chapter on stereo-chemistry, and "the classification of the elements" for its historical completeness and common sense.—*Nature*.

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*The Historical Development of Modern Europe.* By Charles M. Andrews. G. P. Putnam's Sons.

The second volume of Professor Andrews' excellent work on modern Europe is, if anything, more praiseworthy than its predecessor. Our author seems to have taken to heart some of the criticism of the first volume, and to have devoted more attention to the literary side of his work. The period (1850 to 1897) treated in the volume before us is certainly not more eventful and dramatic than the years from 1815 to 1850, yet there is a distinct increase in that quality which, above all others, a book should possess—readability. As it is over a year since the first volume appeared, and as this volume can be read without disadvantage by itself, it will probably be worth the while to show how Professor Andrews treats his subject.

Professor Andrews belongs to the Johns Hopkins school of historians, and as such is professedly a disciple of Freeman, and an opponent of the so-called scientific school, and in especial of the followers of Seeley. It is fortunate for us that this work is, so we understand, to a great degree a work of avocation, for we do not need a history of modern Europe in Freeman's style. We already have such works in larger as well as smaller compass. Though Professor Andrews in general objects to considering history as a residuum, found after rejecting those purely antiquarian and personal facts which do not make for progress, he has substantially adopted his opponents' theories in writing this work. He has made a careful study of the period, and by a judicious process of elimination he has succeeded in giving the reading public a critical exposition of the salient features of the last few decades of European political and diplomatic history. The work is not a narrative form; it is more a critical history, what Seignobos would call "une histoire explicative." It is marked by sound judgment, combined with a complete and well-digested mastery of facts, and by lucidity of exposition. As regards the last characteristic, the

chapter on the Schleswig Holstein question is unexcelled. Beside, the arrangement of the matter is as admirable as in the former volume.

The only serious criticism which suggests itself is the inclusion of the chapters on the internal history of the various European states since about 1870. These years are far too close to give us the proper perspective for even a narrative history; much more are they too near for a work which aims rather to explain than to record facts, since the great problems are scarcely defined, and only dimly perceived. These chapters, from their necessarily perfunctory character, are a detriment to the work.

There are a number of trifling errors in the book which seem to be due to careless proof-reading, and as such they need not be enumerated. One thing must, however, be pointed out. Professor Andrews calls Louis Napoleon's *coup d'état* "a great political crime," and a few lines farther on he says: "Louis Napoleon was no more guilty of a crime than were the revolutionists who had overturned a lawful government and proclaimed instead a system and a franchise which France did not want and to which she never gave her consent. Louis Napoleon, a man of conviction, though of mediocre ability, was as sincere as were the republicans of 1848." These two statements are not necessarily contradictory, but if we admit both to be true it would necessitate so abrupt a change of standpoint from the historical to the biographical as to seriously impair the intelligibility of Professor Andrews' opinions.—*The Critic*.

*The Constitution of the United States: A Critical Discussion of its Genesis, Development and Interpretation.* By John Randolph Tucker, LL.D., late Professor of Constitutional and International Law and Equity in Washington and Lee University. Edited by Henry St. George Tucker, Professor [in the same chair]. Callaghan & Co. Two volumes.

The son of "Randolph Tucker" has done well in publishing these volumes. Although not quite finished, and never revised by the author, they preserve for us with substantial fulness the constitutional views, and the grounds of them, held by one of the best and ablest of modern Virginia statesmen; one who was true to the old doctrines of his State, and who had the opportunity to restate them and attempt their vindication in the light of what has been decided since that great event which is known at the South as "the war between the States." Whoever takes up this book, having known the delightful man that wrote it, so full of character, intellectual energy, and a contagious, irresistible generosity and kindness of nature, almost the type of what we think of as best in the old-fashioned gentleman of Virginia, will need no urging to read it. All who knew him must rejoice to see this record of his best and most serious thinking—a book full of interest and instruction.

Whether one agrees with the writer's fundamental positions or not, and whether or not one finds them in harmony with the later decisions of our Supreme Court, he will, at any rate, agree that they are clearly stated, put with force, and carried out to logical conclusions. And the reader who has been bred on other meat than this will do well to reflect that what he finds here has got to be reckoned with. It may not agree with what our courts are laying down to-day; but the history of our Supreme Court teaches us that the fashion of courts passeth away; what is prevalent in this age may vanish in the next.

This book is not, properly speaking, a law book, a treatise on constitutional law, but rather, what its title imports, a commentary on the Constitution of the United States by a lawyer. We have chapters of political philosophy, followed by textual criticism and exposition and historical explanation; and also a fairly full statement and criticism of the cases. The legal aspect of the subject is not the sole or even the primary one.

This serious and valuable treatise is published in a worthy style, handsome and solid. In the excellent preface, the editor, who is, we believe, the author's son, as well as successor in his chair at the University, tells us that the author, born in 1823, died in February, 1897, and that systematic work on these volumes only began in the autumn of 1895.—*The Nation*.

*Reminiscences by Justin McCarthy, M. P.*  
Harper & Bros.

There is no form of literature so much in demand to day as personal reminiscences, and there are probably few people living so well qualified as Mr. McCarthy, both by his experience and his powers of expression, to meet this demand. Beginning life as a newspaper reporter, he had excellent opportunities of seeing and describing some of the great men of his youth. Then he became editor of the *Morning Star* in the days when it was largely under the personal influence of John Bright and represented the most intelligent liberal opinion of England. Then he blossomed out as a successful litterateur, which implies a passport to all that is most interesting in London society; and, finally, he became an active and influential member of Parliament. Such a career would compel even a retiring person to make many interesting acquaintances, though he might refrain from describing them; in the case of Mr. McCarthy, with a sociable disposition and a passion for celebrities of all kinds, such a career made these good-sized volumes quite inevitable. \* \* \*

We have not space to dwell on Mr. McCarthy's account of George Eliot's Sunday receptions, his description of the continual controversies between Froude and Freeman, his lifelike pictures of Huxley and Tyndall. Suffice it to say that on these and many other topics he is instructive and entertaining, and amiable always.—*Nation*.

*German Higher Schools: The History, Organization and Methods of Secondary Education in Germany.* By James E. Russell, Ph.D. Longmans, Green & Co.

Of all species of extravagant waste, there is none more unpardonable than that which permits one nation to remain in ignorance of the clever and successful methods devised in another for gaining important ends. The enormous product, in the way of scholarship, which is brought forth in Germany each year is such a remarkable phenomenon that when any light can be thrown upon its first causes, that light must be received with gratitude by those who wish to see a like brilliant issue in our own country. Mr. Russell's book is very exhaustive; it is the result of a long study of the subject.—*Nation*.

*The Gam.* By Capt. Charles Henry Robbins. New Bedford, Mass.: H. S. Hutchinson & Co.

To the uninitiated the title of this book will require explanation. A gam, technically, is a great collection of whales gathered together preliminary to dispersal, when each goes its own way. Figuratively, it applies to a congregation of whalers for purposes of gossip, story-telling, or for any sort of festivity. When two whale-ships meet at sea, if the weather be fit and no business is doing, officers and crews exchange visits and indulge in a gam. In the present, as in other nautical books recently noticed by us, the author is introduced to the reader by some well-known writer who, in more or less fulsome vein, vouches for his veracity and the merit of his composition. In this instance Dr. Edward Everett Hale stands sponsor for Captain Robbins, who in turn "gratefully acknowledges the editorial suggestions" of a friend. Both of these functionaries are entirely unnecessary. The author is at his best when he is not edited, for then we have the genuine spontaneous talk of a deep-water sailor man who had followed the sea for forty-eight years, during twenty one of which he was in command. While the literary value of the book does not attain to that of Dana's or Melville's, it possesses a striking quality of its own that lifts it securely out of the rut of the commonplace. \* \* \*

For uniform excellence there is little to choose (barring the first) between the various tales of which *The Gam* is composed. In that one entitled "The Alba-ross" there is an account of a hurricane described by a dauntless, clear-headed captain, the preservation of whose ship depends upon his resourceful seamanship. It is told in simple words, but so realistically and forcefully that it makes the reader feel that he is an actual participant in the perils which beset the battered craft.—*The Nation*.

*The Custom of the Country: Tales of New Japan.* By Mrs. Hugh Fraser. Macmillan.

The five stories in this volume admirably supplement Mitford's classic "Tales of Old Japan,"

with which they compel comparison and contrast. They are based on a class of facts patent to all keen observers, are framed in by the same phenomena of nature, and have for their general theme the unchanging passions of the human heart. The subjective element in Mitford is prominently masculine; in that of Mrs. Fraser it is pervasively and most delicately feminine. It is all the more unfortunate—a very gibe of fate, the "topsy turviness" not of Japan but of English Philistines or Yankee stupidity—that on the cover of this volume the bookbinder has stamped the Yoshiwarra woman of the front-tied girdle and hair bedecked with sheaf of tortoise-shell pins. Mitford tells much and often of her, Mrs. Fraser never.

The author has potent elements for three of her tales in the lonesome bachelor of the "hong" and the drudging student interpreter within the legation "compound," in the brilliant dancing girl and pretty geisha and the "airnest" Scottish missionary. Then there is the allowable and socially orthodox secret heaven for the man who indulges in "the custom of the country," and, over against and below it, the sure damnation of the conscience-driven man who marries a daughter of Japan.

In "In Tokyo," the Scotsman who lives chastely, though employing a Japanese maid, despite the protests of his clerical countryman against the presence of one "over weel-favored for a single man's home," waits for his betrothed, to whom he was hastily engaged while on holiday in Europe. Happily he sickens and dies before learning that his affianced marries on her way out a fellow-passenger at Hong Kong and abides there. In "She Danced before Him" we have a story told with all the marvelous resources of a colorist in language, who knows Japanese womankind well. It is no daughter of Herodias who fascinates the young Englishman, but a genius of grace and motion, who by night, on land and water, charms a foreign lover, while in hours of drudgery at home she ministers to a leper. The touch of tragedy is not lacking in any of these stories, except the last, which is a pure comedy of smuggling and "Sealskins."

In the title story, the stiff, narrow and severe Christian, who knows, apparently, little of the Master whom in name only she serves, is finally set as foil to the superb womanhood of the Scotsman's Japanese wife. The perils and penalties of the man or the woman who flouts the traditions and braves the orthodoxy of a whole civilization, are set forth with the literary power and the genius which we should expect from the sister of Marion Crawford. In "A Son of the Daimyos" we have a brilliant picture of modern native society in Tokio and of the new navy of Japan in war-time.—*The Nation*.

*Le Malaise de la Démocratie.* Par Gaston Deschamps. Paris, Armand Colin & Cie.



This thoughtful book is a contribution to the popular discussion of contemporary France. Although its moralizing is principally intended for home consumption, it is calculated to incite similar reflections upon our own civic life, which, if it has not borrowed evil from without, has developed it from original causes with about the same results as in the younger republic. M. Deschamps' chapter on the decadence of the Deputy from a national representative into a metropolitan agent for his constituents, supplying them with information, introductions, theater tickets, hotel accommodation, decorations and, above all, places, till he becomes, not their representative but their valet, reads like a *fabula de re* for our own Congressmen. Not less familiar is the description of a newspaper press, in which the mere gathering, pell mell, of all sorts of reportage, grave and trivial, under the name of "news," replaces a real editing of the day's events so as to give them their proper perspective, and the *coup de gueule* has boo'd down wit and reason.

M. Deschamps attributes the present demoralization of his country largely to the abandonment of the "Gallic" tradition and the adoption of exotic ideas and systems of education, in the hope of winning the material success of Germans and Anglo-Saxons. The youth of France is educated, not by great teachers, like Michelet, who blended with their lectures idealism and morality, but by the consumption of the husks of knowledge in vast quantities, thus developing a few great specialists and thousands of mediocrities. We accuse the young of irreverence, he says; but we offer them nothing particularly worthy their respect. He hopes for a regenerating revival of French valor, courtesy, chivalry, good sense—in short, of what he calls *un bon nationalisme*—and a reform in the state that will subordinate private interest to the common weal. As to the inevitable *Affaire* that obtrudes itself in all current French political discussion, he expresses himself (without hazarding an opinion on the merits) as detesting lies and nonsense (*mensonges et bêtises*). His book is wittily dedicated "To the good Citizens who are afflicted by the Present and anxious about the Future—to the Great Minister we lack—to the Statesman we are waiting for." It will interest all whose happiness depends on the success of democratic government; and, as complementary to Mr. Lecky's more profound work on "Democracy and Liberty," should find many readers here and in England.—*N. Y. Evening Post*.

*The Art of Teaching.* By David Salmon, Principal of Swansea Training College. Longmans, Green & Co.

Is there no way by which the essentials of the delicate art of teaching can be appropriated by those who have never attended a normal school? The weakness of our normal schools lies, in part, in the scanty knowledge of those who attend them; in part, in the tendency to teach

only methods and to exalt the particular method taught, as if there were not many roads by which a goal in education may be reached. Many of the ablest men who enter the teacher's calling lack that moderate amount of training which would have been to them an inestimable boon. The better the scholarship, the finer the character, the greater the natural aptitude, the more is it to be desired that the possessor of scholarship, character, aptitude should have his attention directed to the general principles which underlie all good teaching. Can this be done by books? "Yes," we answer, and such a book as Salmon's is especially to be recommended for such a service.

It is noteworthy how many excellent books on the teacher's art have recently been produced in England. It is no longer true, as R. H. Quick remarked thirty years ago, that all "good books on education are in German." Salmon's contributions to elementary school literature are many and valuable. It suffices to mention his "Object Lessons," "School Grammar," "School Composition," "Stories from Early English History." He has now collected into the volume before us his views on *The Art of Teaching*. The treatment of the subject is orderly, thorough, authoritative. He takes up first the fundamental matters of orders, attention, discipline. Then comes a charming discussion of the art of oral questioning. Next follows an estimate of the claims upon attention of the main subjects of elementary study, with invaluable hints as to the teaching of each. The subjects treated are: Reading, spelling, writing, arithmetic, English, geography, history. This is, indeed, familiar ground, but the treatment is so able, so acute, so comprehensive, that there is constant variety and constant interest. A very valuable portion of the volume is the section of sixty pages on "Infant Education." Not only are the history and development of the kindergarten here admirably discussed, but the original and valuable contributions of England to the education of young children are set forth.

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Most wise and helpful is Salmon's discussion of the best ways of teaching the elementary studies. This portion of the book is a true teacher's manual.

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The author shows most entertainingly how, by stimulating questions, the matter for an essay may be elicited. Suppose the subject to be the "cat." In answer to questions to the class, an outline may be worked out, and this outline may be written on the board, under the following heads:

The cat: (1) where kept, (2) why kept, (3) fitted to be a beast of prey (*a*) by teeth, (*b*) by claws, (*c*) by pads on feet

The next step is for the pupil to make his own outline, not the exact copy of that which has been placed on the board. This outline or skeleton Salmon regards as essential in the teaching of composition. "A composition," he

says, "which has no skeleton cannot help being invertebrate."

It is a genuine pleasure to commend without qualification this admirable manual. It is a worthy companion to Fitch's "Lectures on Teaching," and, like that book, ought to be on every teacher's shelf.

*A History of French Art: 1100-1899.* By Rose G. Kingsley. Longmans, Green & Co.

Miss Rose G. Kingsley's *A History of French Art: 1100-1899* (Longmans) is a concise, authoritative manual prepared for the use of those in quest of solid information, and therefore issued without the popular bait of pictorial allurements. The sober and solid make up of this handsomely printed volume does not belie its content. The author is *officier de l'instruction publique*, and the work was prepared at the instance and with the assistance of M. Antonin Barthélémy. Other well-known French authorities have also aided in its preparation, and we have as a result a really sound and trustworthy account of the growth of French architecture, sculpture and painting from the twelfth century to the present day. The author has been somewhat chary, judiciously so perhaps, in the matter of obtruding her own views and personality, though the element of general criticism or disquisition is not altogether lacking. Actual information and impartial characterization has been the ideal of attainment; and the result is a guide to the history, development and manifestations of French art during the extended period treated, which we cordially recommend to serious inquirers. A useful modicum of biographical and personal matter forms an agreeable leaven, and characteristic masterpieces are soberly and discriminatingly described. The work, despite its wide chronological range, is far from being a mere *catalogue raisonné*. The author gives a very good account of "Impressionism," which movement she takes occasion to say, "has too often signified the daubings of some young person ignorant of the very first principles of drawing or painting, who dares to call himself an 'Impressionist' because he is too lazy or impatient to submit to the ceaseless training and study that are necessary to the artist; too ignorant to use his brush or his pencil, and takes to a palette-knife instead. It is such as these who bring discredit on the really fine artists whom they pretend to admire." These are just words, if severe ones; and it is really a pity that the affectations and absurdities of these young dabblers who cloak their incapacity and their ignorance of the rudiments of technique under the pretense of "Impressionism," should have brought a certain stigma upon the term that is used to define the methods of masters like Monet, Besnard, Manet or Renoir.—*The Dial*.

*Shakespeare in France under the Ancient Régime.* By J. J. Jusserand. New York, G. P. Putnam's Sons.

In this curiously interesting volume M. Jusserand tells the story of the slow growth of the appreciation of Shakespeare in France and its present status. Nothing could show more clearly the great difference in the mental quality of the two nations than the utter inability of the cultured Frenchman to understand or recognize the genius of the great Englishman.

The first mention of Shakespeare in France is found in a catalogue of the library of Louis XIV., where the king's librarian records the works of "Will Shakespeare, poeta Anglicus," and is good enough to state that this author "a l'imagination assez belle, il pense naturellement, il s'exprime avec finesse; mais ces belles qualités sont obscurcies par les ordures qu'il mêle dans ses Comédies." For a hundred years nothing more is heard of Shakespeare in France. In 1727 the Abt̄ Prevost visited London, learned English, and became an enthusiastic admirer of Shakespeare. He did his best on his return home to educate his countrymen into a better understanding of the English people and English literature. Later came Voltaire, who acknowledged that Shakespeare "had a genius full of strength and fecundity, of naturalness and sublimity, without the least spark of good taste and without the slightest knowledge of rules." He called his tragedies "monstrous farces," declared it was undignified for Hamlet to sit on the floor, and in the opening scenes of the play that it was an abominable vulgarity for a sentry to speak "before the first person of the nation." After the death of Voltaire there came a strange revulsion of feeling and a mania broke out for the plays of Shakespeare. But they were not the plays that we know. They were "adapted" out of all recognition. Donin, one of the translators, says of "Othello," "Only the unities of time and place are wanted to make it regular as any of the Greek and French tragedies. I have tried to bring the Moor of Venice into the exact limits of those two unities." The original contains scenes of low comedy, he says, but he "has remedied, as far as possible, that essential fault." He proposes to employ his leisure in translating all Shakespeare's plays, "reserving only the liberty of cleansing the plays, both comic and tragic, by pruning their superfluity and reducing them to the limits of the three unities." Another translator, Butini, says: "I shall not waste time in explanation upon a few changes indispensable in Shakespeare's plays. Everybody must feel that it is necessary to whiten Othello's swarthy face, to soften the ending, suppress a few scenes, simplify the action, and reduce the whole to the three unities." And he modestly adds that "if they prove not unpleasing to men of taste the glory will be chiefly due to Shakespeare!" But the most sustained effort to introduce this sort of Shakespeare to the stage was made by Jean François Ducis, "Bonhomme Ducis," as Napoleon was wont to call him. "Hamlet" was his first essay, and out of the original he fabricated a hybrid drama, Greek and Danish, French

and English, all at once. New characters are introduced; Ophelia is made the daughter of Claudius, the episode of the player-king and queen is left out, and much of the action is replaced by descriptions put in the mouths of the characters. Hamlet becomes king, and Claudius, in attacking the palace, is slain by him. "Othello," "Macbeth" and "Lear" are treated with the same liberty as "Hamlet." In "Othello" he made Iago a very milk-and-water villain, for "no such example of rascality could have been tolerated in Paris. It is therefore quite intentionally that I have hidden from my audience that atrocious character." Othello and Desdemona are reconciled in the last act, and Othello, "too happy not to forgive," pardons Iago. And this was what passed for Shakspeare on the French stage down to the middle of the present century.

Matters have improved since then, and it must be admitted that a better and higher appreciation of Shakspeare exists in France to-day than ever before. But he can never appeal to the French as he does to the English mind. The author frankly says: "To believe that Shakspeare has become acclimatized in France that his genius has penetrated and transformed the French mind, is an error." And it never will, for to the Latin mind a just or approximately just appreciation of the genius of another nation is impossible.—*Boston Transcript*.

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*Source Book of American History.* By A. B. Hart, Professor of History in Harvard University. The Macmillan Company.

Professor A. B. Hart's *Source Book of American History* (Macmillan) suggests a boiling down of the same editor's unfinished "American History Told by Contemporaries." The present volume has the characteristics already familiar in the larger work—a logical analysis of the subject, well chosen selections, rigorous devotion to reprint's *verbatim et literatim*, and elaborate introductions (in this instance by two hands besides the compiler's) on the use of the book. The result is a manual which every teacher of American history ought to know, and which every school boy ought to read.—*The Nation*.

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*A History of Bohemian Literature.* By Francis, Count Lutzw. Translated. Edited by Edmund Gosse. D. Appleton & Company.

*A History of Bohemian Literature* has been written by Francis, Count Lutzw, and appears in the Literature of the World Series, edited by Edmund Gosse. Almost nothing is known of Bohemian literature outside the country itself. In fact, there is little to know. The Bohemian language is spoken by about six million people, but there are fewer works written in it than in any other European tongue. The literary feeling was never very strong in the country, and what little development of it that had been made

was crushed out of existence in the bloody period which followed the war with Austria in 1620. The misery and degradation which fell as a consequence upon the head of the conquered nation was beyond description. A crusade was made by the Catholic priests against books published in the national language, and over 60,000 were destroyed by one man, the Jesuit priest, Konias. From the above year until the end of the eighteenth century no books appeared in the Bohemian language worthy of mention. The educated classes used German for conversation and writing instead of their native tongue, and even to-day more German than Bohemian is spoken in the salons of the nobility at Prague. In the latter part of the last century, owing to the strenuous efforts of a few patriotic scholars, there was a revival in letters, slow at first, but sure. Since then many works of value have appeared in the Bohemian language, representing nearly every branch in literature. A very interesting account is given of these, and there is an excellent index.

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*Flaubert.* Par Emile Faguet. (Les Grands Ecrivains Français.) 16mo, pp. 191. Paris: Librairie Hachette et Cie. New York: Dyson & Pfeiffer.

It is nearly twenty years since Flaubert died, a considerable time to have elapsed before his inclusion in some such literary pantheon as that in which he now appears. The delay, however, is the best thing that could have happened for his fame. Criticism of him any time in the last two decades has been more perfunctory than critical. Appreciation of his great merits has passed readily into something very like senseless hero worship. We have been told, ad nauseam, that the author of "Madame Bovary" not only wrote well, but was, in fact, a consummate master of everything that goes to make great literature. M. Faguet is more reasonable. In him Flaubert finds the ideal biographer and critic; sympathetic, learned, skilful in all that pertains to the arrangement of his facts and opinions, and, for all his warm admiration of his author, capable of appraising him justly and painting him in a right perspective. Like so many of its predecessors in the admirable series of "Les Grands Ecrivains Français," this volume is precisely the serviceable and interesting work for which students of French literature have been waiting.—*New York Tribune*.

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*Spinoza.* By Sir Frederick Pollock. The Macmillan Company.

The new and revised edition of Sir Frederick Pollock's *Spinoza* is a boon to all readers of philosophy and of Spinoza. When first published in 1879, the book was at once recognized as the most interesting and valuable introduction to the study of Spinoza existing in English; but it speedily rose to famine prices, and even at these was very difficult to obtain. Hence it is a

matter for congratulation that its accomplished author has, amid his manifold occupations, found the leisure to reissue it and to tell us what he thinks of the contributions to the knowledge of Spinoza which have been made in the last twenty years; for, of course, Germany has not been idle in the interval, while the learned men of Holland have prosecuted the research into the life, character and times of Spinoza with the utmost assiduity. This minute research has added greatly to our knowledge of the facts in detail, but fortunately it has revealed nothing that could compel us to subject our estimate of Spinoza as a man and as a philosopher, to a radical revision. In the philosopher it has brought out more strongly, perhaps, a number of Jewish and mediæval affinities that must be admitted to detract from the historical accuracy of an interpretation which, like Sir F. Pollock's, prefers to emphasize rather the anticipations of modern thought to be found in, or extracted from, Spinoza. But then Sir F. Pollock's modernizing tendency in this respect was avowedly deliberate, and has admittedly proved itself to be the stimulating and valuable factor in his reading of Spinoza, and so he was well advised to leave his general treatment unchanged. Nor, again, have the new facts which have been unearthed about his life effected anything substantial in elucidating the mystery or in breaking the charm of Spinoza's personality. It still exercises a fascination which is greater and more widely felt than that of his doctrine; it still remains a matter of sympathetic imagination rather than of documentary evidence to penetrate through the atmosphere of philosophic detachment which conceals the inner self of the lonely maker of leases. It is conceivable that the source and genesis of every one of his doctrines may be traced with incontestable accuracy, and that further additions may be made to our knowledge of the things he did and endured; but the abiding consolation will remain that the real problem of Spinoza, the real pathos of his life, can never be destroyed by the minutest searchings and researchings. And it is satisfactory to note that Sir F. Pollock appears to be of the same opinion.—*The Nation*.

less influence on some of our colleges and which has borne bitter fruit in alienating and embittering people against them, a., for example, the Connecticut farmer who, when appealed to for a vote in aid of one of the colleges, replied: "No, sir. Do you expect me to educate a boy to come home and look down on his father?" The secondary school is the creation of the people. It belongs to them. It should be developed, arranged and adjusted to educate them, not certain strata of society, but all of them. Professor Hanus points out the divisive and undemocratic effect of separate schools. He brings out with great force the unifying influence of public schools in democratic society, not only in training the people to common ideals, but to a common social feeling, and merging the distinction of social feeling and sets in pride in a common democratic society. This is but one of the striking points in this volume.—*The Evangelist*.

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*A History of Literary Criticism in the Renaissance.* Joel Elias Spingarn. The Macmillan Company.

This is a remarkable production by a young student as an essay for the degree of doctor of philosophy at Columbia. Inspired by the theme which so interests the modern investigator of literary development—the Italian Renaissance and its influence on modern thought—he desires to demonstrate its effect in the domain of criticism. Literary criticism in Italy, France and England are the three heads of the discourse. The Italian criticism extends from Dante to Tasso; the French from Du Bellay to Boileau; the English from Ascham to Milton. Mr. Spingarn's essay is not a history of critical literature, but of literary criticism. His main theme is, of course, the literary activity of the sixteenth century, which is the epoch at which modern criticism began, and ancient ideals of art once more asserted themselves, to sway the minds of men. In discussing its history, the study of the beginnings of critical activity in modern Europe and the gradual introduction of the Aristotelian canons into modern literature is involved. Mr. Spingarn discloses the origin of the classic spirit, he traces its course and development, and discovers the origin of the principles and precepts of neo-classicism. Although his discussion ends with Milton, the last of the humanists, the literary student is aware that the influence of the Italian Renaissance by no means ended with him, but that Lessing and Shelley, for example, were legitimate inheritors of the Italian tradition. \* \* \*

Mr. Spingarn is the first to acknowledge the great share in the credit for his admirable thesis, due to the inspiration of his instructor, whose praise is in all centers of good learning.—Professor George E. Woodberry, *Boston Evening Transcript*.

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*Educational Aims and Educational Values.*  
By Paul H. Hanus. The Macmillan Company. \$1.

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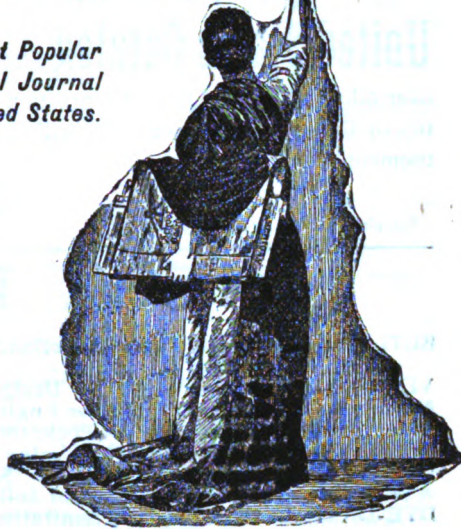
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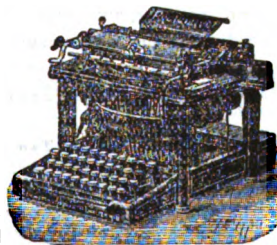
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## ABRAHAM LINCOLN: THE MAN OF THE PEOPLE.\*

NORMAN HAPGOOD thinks that Abraham Lincoln just as he was is good enough. "The prairie male as well as the sage and martyr, the deft politician as well as the generous statesman. Paint him as he is." So this biographer says, and so he paints. He does not blame Lincoln, he does not praise him much. He tells his story, lets the hero of it to live, labor, weep, laugh, die, and then leaves him there, "unhappy, kind and alone," with his feet in the soil, his head in the air—a portrait, the man.

This is realism in biography, the life of Lincoln, not a "life." Fiction need not be our only form of truth. "Lincoln himself refused to read a life of Burke because he believed that biographies were indiscriminate eulogies." The politician of Illinois wanted to know the politician of England and, having tasted biographies, he guessed that the way to get Burke was to get the statesmen of Springfield and Washington. They were men, not apologies for men; the truth, the facts that he needed in his business, not eulogies. And how Lincoln, the president, knew men; and how he used his knowledge! Well, he got it out of the life of Lincoln, not out of the life of Burke.

Young toughs in this country rise to be rulers of cities and states; they know what is what. College men, who learn their politics in the books, know only what should and should not be what, and they seldom can cope with the politicians. Or, if they go into politics, they begin as idealistic independents and, if they get on, are apt to wind up more unscrupulous than the "practical men" who evolve the other way. Richard Croker, the leader of Tammany, is a better man than "Dick" Croker, the leader of the Tunnel gang. And Lincoln:

"An unparliamentary victory was won by the Whigs (at Springfield) some of whom seeing all ordinary methods exhausted and a vote about to be forced by the majority, left the hall, Lincoln and two others jumping from the window of the church in which the legislature sat. He always disliked any reference to this."

The books are not wrong; they are simply not complete enough. Lincoln was a hero, and his biographers polish him up. As Mr. Hapgood says: "Some have omitted what was not pretty. Others have apologized for it. Many would like to improve the rugged and homely face with a touch of rouge or magnesia." History, especially of "our country," is too much like the melodramatic stage, all heroes and villains; the result is that after a course of it, the student is so weakened that when he is confronted by realities he runs, if he is timid; fights a futile fight, if he is brave; or, if he is merely intelligent, becomes a cynic. That is to say the unprepared mind is shocked

\**Abraham Lincoln, the Man of the People.* By Norman Hapgood. With Portraits and Facsimiles. The Macmillan Company.

out of its poise by the sudden change from "life" to life. And, on the other hand, since all the heroes are dead, society cannot kill even politically the villains who live at our great expense. Just as we overpraise, so do we damn extravagantly. New York cannot down Croker because nobody believes that he is as bad as he is cocked up to be. He isn't a pirate; he is rather mild. He isn't a robber; he is a trained political business man. Find out and tell exactly what Croker does and his career will stop short. The Lexow committee showed a little of his methods, and he was put out of politics for a little while.

The truth is useful in the long run, and the concealment of it saves our Anglo-Saxon hypocrisy, not our virtue. Moreover, it is mistaken charity to the man who is screened. The shadow of Abraham Lincoln, the pure minded martyr, is the Lincoln of the bar-room. Everybody knows that he told smutty stories and that he was a practical politician. His stories are repeated, not always for their wit, and others that he probably never heard are attributed to him. His political feats are known in the same world of unwritten literature and history, and they furnish precedents for the heelers. Only his politics also are exaggerated and supplemented by uncurbed tradition which darkens his shadow with machinations impossible to his nature. I once heard a cynical spoilsman say that Lincoln was a spoilsman too; and he was, but he was not cynical. Mr. Hapgood says:

"He writes to the Secretary of the Treasury, that as the Whigs of Illinois hold him and Colonel Baker, their only members of Congress, responsible to some extent for appointments of Illinois citizens, they ask to be heard whenever such an appointment is contemplated. To the Secretary of State he sends the papers of one applicant. 'Mr. Bond I know to be personally every way worthy of the office \* \* \* and I solicit or his claims a full and fair consideration.' He then adds that in his individual judgment the appointment of another man would be much better. There are a number of letters, almost exactly the same in language, stating that certain incumbents, who have filled their offices excellently, are decided partisans. In most cases he carefully states that he will express no opinion on the validity of partisanship as a ground of removal, but that if it is accepted as such the rule should be general, and the particular individual designated no exception. One of these notes has the personal interest of relating to the friend from whom Lincoln had so long received free board. 'I recommend that William Butler be appointed pension agent when the place shall be vacant. Mr. Hurst, the present incumbent, I believe has performed the duties very well. He is a decided partisan, and, I believe, expects to be removed. Whether he shall, I submit to the department.' Of another he says: 'I have already said he has done the duties of the office well, and I now add he is a gentleman in the true sense. Still he submits to be the instrument of his party to injure us. His high character enables him to do it more effectually.' The following letter speaks for itself:

"CONFIDENTIAL.

"SPRINGFIELD, ILLINOIS, May 25, 1849.

"HON. E. EMBREE,

"*Dear Sir:* I am about to ask a favor of you,—one which I hope will not cost you much. I understand the General Land office is about to be given to Illinois, and that Mr. Ewing desires Justin Butterfield, of Chicago, to be the man. I give you my word, the appointment of Mr. Butterfield will be an egregious political blunder. It will give offence to the whole Whig party here and be worse than a dead loss to the administration of so much of its patronage. Now, if you can conscientiously do so, I wish you to write General Taylor at once, saying that either I, or the man I recommend, should in your opinion be appointed to that office, if any one from Illinois shall be. I restrict my request to Illinois because you may have a man from your own state, and I do not ask to interfere with that.

"Your friend as ever,  
"A. LINCOLN."

There is scruple in all this, and in his tremendous politics as a president there is high purpose. Nowhere is there precedent for the corrupt, low-bent trickery of commonplace politicians, and they should know this.

But Mr. Hapgood shows no utilitarian purpose anywhere in his treatment of his subject. His conscious purpose seems to have been simply to tell a story; to accept the limitations of fact in a conspicuously known life and make a work of art as sound and as interesting as a novelist could with nothing but the unbounded truth to restrain his imagination. Having no plot to weave a spell with, the biographer had to rely on two devices of skill, speed of narrative and reality of character.

Now Mr. Hapgood is a critic. His "Literary Statesmen" is all analysis and characterization. They are close and searching, these essays, but they are dissection, not synthesis. Written here mostly of English statesmen and French stylists, they were first published and are best known abroad. That means that "Mr. Balfour" and "Mr. Morley" were right or pretty nearly just, yet they were not alive. They made Mr. Hapgood very real, but they left his statesmen most mortally cut up. Of course there was no narrative in this sort of treatment. A short "Life of Daniel Webster" marks a transition in style. In that there are characterization and estimate in the regular order of events, which gives the semblance of narrative.

But in the Lincoln the break is sharp. It is a longer book and the career of its hero is the great, fascinating fact. That Mr. Hapgood must have seen with his critical intelligence, but the way he has humbled himself before it shows a higher, blinder trait. There is art instinct here, and the artist's reward is a work of creative imagination. The preface, the first paragraph of the first chapter, and the whole last chapter have reflection and judgment in them, but the rest is all the straightforward story of the crude, gaunt giant striding out of the woods of the West to the head of a nation. The author's critical faculty is in the background, at work, no doubt, picking, emphasizing plotting, but I who set out to make notes and turn down pages for use in this review, forgot my business, fading myself as Mr. Hapgood faded, while Abraham Lincoln came right down out of the realms of romance and the clouds of human worship, and walked up to me, as big as life. "Tall, homely, sallow and dark, slightly stooping, with a careless mop of hair, tanned clothes flung on, he was then what a young lawyer described later on as" "the ungodliest sight I ever saw." "Abe" loafs, splits rails reluctantly, goes log-rolling, then pulls wires that take him to the legislature; lays more that lead to congress, studies, "hangs out" in the grocery swapping yarns and guffawing, makes speeches and plans them for effect:

"Lincoln answered at Springfield, June 27, saying in answer to Douglas's appeal to the strong race prejudice in Illinois, these well-known sentences: 'I protest against the counterfeit logic which concludes that because I do not want a black woman for a slave I must necessarily want her for a wife. I need not have her for either. I can just leave her alone. In some respects she certainly is not my equal; but in her natural right to eat the bread she earns with her own hands, without asking leave of any one else, she is my equal and the equal of all others.' This last sentence was praised by a friend, and Lincoln said, 'Then I will get it off again,' which he did."

Thus this biographer keeps his hero on the ground, the ideal American statesman and the very real American man, one and inseparable. Lincoln seems to you to be the man for President in 1859, so great has he grown in his book, but you see the politician at work all the time, "fixing his fences." He was having every state sounded, and bargains were being made in the doubtful districts. Lincoln was in the hands of his friends. He went with Mr. Whitney to a minstrel show in Metropolitan Hall, Chicago. It was thought then that the convention would be held there.

"Possibly," said Whitney, "in a few weeks you will be nominated for the presidency right here"

"It is enough honor," said Lincoln, "for me to be talked about for it."

At the same time Lincoln had the situation well in hand and, when the convention met, his nomination was arranged for. The terms of the agreement are given, and the fulfilment is noted, noted too, in the language of reality:

"Caleb B. Smith, of Indiana, was named Secretary of the Interior in pursuance of the Chicago bargain, which Lincoln decided to carry out after many misgivings, leading to such changes of attitude as he seldom indulged in. Cameron was the worst nightmare that confronted the President elect during the whole interregnum. He and his friends went to Springfield to exact the pound of flesh. Pennsylvania politicians opposed to Cameron, as well as men of position all over the country, pleaded his total unfitness. Lincoln was so troubled that he first promised Cameron the position, then withdrew it, and finally granted it. \* \* \* The slate finally stood:—

Then the first cabinet of President Lincoln is given by our critic, turned hero worshipper. For that is what Mr. Hapgood is in this book. Many a critic's phrase happens in harmlessly to betray the well kept secret admiration. "Now in Washington he was to face his admirers, his generals, his enemies, with the same level look of intelligence and suavity." The inaugural address "sounded a note of gentle firmness on the one great theme to which it was confined." With the faith of an idealist, Mr. Hapgood reveals his hero; with the trust of that hero in the truth, he is honest. He describes the president struggling sadly for noble things, and to show him thus engaged chooses the same means which Lincoln used to win them. Having to depict a man of mighty melancholy who turned for relief to broad humor, this dramatic critic cheerfully mixes the tragedy with the farce. For example:

"Sheridan's despatch to Grant, 'We have just sent them whirling through Winchester, and we after them to-morrow' put one of the finishing strokes on the political campaign. It went to every home in the North and brought the flush of pride to every cheek. When Lincoln had read the telegrams relating the last fight with Early, he told his companions about the man who filled a piece of punk with powder, set it on fire, clapped it under a biscuit, and gave it to a dog. 'As for the dog, *as a dog*, I was never able to find him,' said the man."

Lincoln's awful anxiety before the greatness of the event, the politics of it, and the humor of the President's report make strange medley. But Lincoln did it. It is good biography, good art in Mr. Hapgood to do it, and he does it all the time, achieving thus for the reader not only a vivid impression of the great president, but also the atmosphere in which he worked. The book is written more in the spirit of Lincoln than in that of Mr. Hapgood, who holds himself down till the last chapter. Then Lincoln, the Man of the People, is dead. Mr. Hapgood, the critic once more, speaks over the grave a eulogy which is as keen and clear as anything in the "Literary Statesmen," but yet is warm with feeling and the red blood of life.

"He used great power without in any degree injuring the Republican system. \* \* \* In his very last public address he pointed out that the ability of the nation to preserve itself without checking its freedom was the most hopeful lesson of the war. \* \* \* His life he measured out alone, without intimate friends, with the universal heart of the people for his friend. Like them he was careless of many little things, and profoundly just on big ones. Like them he was not quick, but sure. He took his wisdom and his morals from the range of his country, east and west, north and south, hearing the distant voices with a keener ear than most, and not caring to theorize until he had weighed the messages from every corner.

"In natural harmony with his breadth in great things went his easy tact in small ones. \* \* \* The power to speak, act and write with humility and elevation, with familiarity and dignity, with common equality and personal distinction, sprang from the roots of

Lincoln's character. It was no feat of literary or intellectual skill. It was altogether the man. It was what was left after the storms and wastes of a gloomy life had given their large and solitary schooling to a noble soul.

"From whatever angle we approach this nature, we glide inevitably from the serious to the amusing, and back again from the homely to the sublime. The world no longer sees the leisure and manners of a few as a compensation for the suppression of the many. The law of universal sympathy is upon us. Some imagine that in this leveling lies the loss of poetry, of great natures, of distinction, the impressive and stirring being laid upon the altar of a gloomy right. To them the life of Lincoln need have little meaning. Others rejoice in the new truth, and trust the world, and smile at prophecies. For them Lincoln represents soundness. For them his rule is as full of pictures and inspiration as anything in the past, as full of charm as it is of justice, and his character is as reassuring as it is varied. \* \* \* He easily combined with his feats of strength and shrewdness some of the highest flights of taste. As we look back across the changes of his life,—see him passing over the high places and the low, and across the long stretches of the prairie; spending years in the Socratic arguments of the tavern, and anon holding the rudder of state in grim silence; choosing jests which have the freshness of earth, and principles of eternal right; judging potentates and laborers in the clear light of nature and at equal ease with both; alone by virtue of a large and melancholy soul, at home with every man by virtue of love and faith,—this figure takes its place high in our minds and hearts, not solely through the natural right of strength and success, but also because his strength is ours, and the success won by him rested on the fundamental purity and health of the popular will of which he was the leader and servant, Abraham Lincoln was in a deep and lasting sense the first American. \* \* \* His deeds stand first, but his story becomes higher through the pure and manifold character which accomplished them and the lasting fair and vital words in which he defended them."

J. L. STEFFENS.

NEW YORK.

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#### MAURICE HEWLETT'S NEW VOLUME.\*

AMONG the younger writers of fiction there are two men whose works are of inspiration all compact. They are Rudyard Kipling and Maurice Hewlett. It is an interesting point—to be noted, however, only in passing—that while both have dealt with English themes they have gone outside their native land for the material most favorable to the exercise of their abilities, Kipling to India and Hewlett to Italy. A more legitimate excuse for a brief consideration of them together lies in the suggestive light which such a juxtaposition casts on the old contention concerning truth and beauty. In aiming at perfection both these writers are faithful to human nature, which is at the bottom of all great art and literature. But in Kipling the dominant ideal seems to be that of truth, in Hewlett it is beauty, and so great is the difference between their works that at first sight this difference seems to impugn the validity of the famous lines in the "Ode on a Grecian Urn,"

Beauty is truth, truth beauty—that is all

Ye know on earth, and all ye need to know.

The problem is clarified at once, however, by recollection of Matthew Arnold's illuminating characterization of beauty as "only truth seen from another side." Kipling

\* *Little Novels of Italy*. By Maurice Hewlett. The Macmillan Company. This article is reprinted by special permission of the New York *Tribune*.



ling and Hewlett both go to the roots of things, but in the writings of the former, truth emerges in naked force ; with the author of "Little Novels of Italy" and several other volumes to which we have referred in the past, it comes forth adorned with the flowers of art and poetry, clad in the shimmering cloth of gold of the Italian Renaissance. Comparison need go no further. It is sufficient to indicate the great truth which it demonstrates, that in the palace of art there are many rooms, each with its own special glory, but all resting on the same foundation and all contributing to the same end, the elevation of the human spirit.

It is characteristic of the really gifted imaginative writer that while he is scarcely thought of as "a man of culture"—those words carrying, as a rule, a more limited significance than they ought—he has everything which goes to make such a man. Reading is his, taste, criticism—especially criticism—and all these things combined simultaneously and involuntarily to purify and enrich his utterance, so that while he is spontaneous and original to the last degree, he nevertheless conveys all the varied charm of a mind experienced and trained at many points. Such a writer is Maurice Hewlett. He proved this in his first book, "Earthwork Out of Tuscany"; in his collection of verse, "Songs and Meditations," and in his long novel, "The Forest Lovers"; but he gives the measure of his equipment even more conclusively in the book of five comparatively brief narratives with which we are at present more particularly concerned.

The range of his art would alone proclaim his remarkable quality as an author. In "Madonna of the Peach Tree," the force of old religious ideas, half spiritual and half superstitious, is set in vivid relief against a study of the variegated life of Verona. The epicurean æstheticism and melting sentimentality of the Renaissance play through "Ippolita in the Hills," with side winds blowing from the rusticity of the land outside the walls of Padua. A kindred theme is handled in an entirely different manner in "Messer Cino and the Live Coal," and the tragic note which is struck picturesquely in "The Judgment of Borso," is raised to a higher power in "The Dutchess of Nona," perhaps the most brilliant achievement in the book. But what impresses the reader in Mr. Hewlett's scope is not merely its inclusion of many types and passions, of diverse scenes and colors, but that it involves uniformly a sure and easy seizure of the fundamental things lying unchanged forever beneath the surface. It is with no tricks of description, with no mere fripperies of costume or tags of speech, that he erects an individuality, a presence, in his pages. Vanna, in the "Madonna of the Peach Tree"; Borso and his young minstrel in the sketch of Ferrara; Molly Lovel the transplanted English girl, and Cæsar Borgia, in "The Dutchess of Nona"—none of these is remembered as a figure in a book, for this or that salient trait, but as a figure in life, with a multiplicity of traits, little things, all merging in one unforgettable personality, one ineffaceable image.

These are all studies in historical painting these daringly invented tales of innocence and crime, passion and intrigue, comedy and tragedy. Yet, though he draws the Borgia, for example, in his habit as he lived, Mr. Hewlett's art, whether it is wreaked on portraiture or on the exploitation of a beautiful landscape, a courtly pageant, a thrilling episode of drama, is not merely an affair of broad strokes with the brush ; it proceeds in a familiar, suggestive, almost casual fashion ; not leaving too much to be taken for granted, but causing details to drop into their places without any ostentation of learning. It is as if the author identified himself wholly with the stuff in which he worked and forced it to speak for itself, insistently or modestly, as the exigencies of

actual existence would have permitted. There is one instance in which this clairvoyance almost overleaps itself and leaves an impression no less convincing than that encountered in every other one of the stories, but hardly as artistic or as pleasing. We refer to "Ippolita in the Hills," the tale of a woman of the people, whose great beauty so excited the macaronic poets of her native town that she was against her will enthroned Queen of Love in the preposterous Collegio d'Amore, and ultimately chose an amazing way out of her captivity. Every word in this is true, but for once Mr. Hewlett has been carried away by his absorption in the spirit of his personages, and instead of mastering it with his usual skill he has allowed it to master him. Like one of those early Italian masters of the "novella," whose racy volubility went hand in hand with a passionate enthusiasm for the curious emotion, the rare epithet, the subtle and distinguished phrase, he has tinged too perceptibly with the artificiality of his theme a piece of writing that is otherwise extraordinarily fresh and veracious. Naive, candid, ebullient, moving with the joyous "furia" of the Renaissance to its idyllic climax, this all but captures the imagination and would be quite triumphant if it were not for the excessive manipulation of the author's style in the introductory description of Padua, and for the touches here and there more explicit than discreet. But in justice to Mr. Hewlett we must confess that "Ippolita in the Hills" embalms just such authentic motives as, in the annals of the Renaissance, insist upon expressing themselves in their own way. They take the pen from the interpreter's hand, or, rather, guide it for him; and thus we find the redundancies in this particular story absolutely just, though not, perhaps, absolutely in harmony with Mr. Hewlett's accustomed vein.

For it is one great merit of his style, a style entirely his own and entirely charming, that it follows with serpentine closeness the bidding of his mind. Condensed when the urgency of the moment demands it, subtly rising to occasions that require grave felicities of language, this style is magical in itself and it always cuts to the bone. It has, too, that nervous energy, sometimes tense and thrilling, sometimes merely blithe and animated, which is the mark of the writer pouring out his ideas without effort and meaning every word, so that the printed page has a lasting vitality. "Little Novels of Italy" is to be commended for its substance, for the new and romantic visions which it gives of an historic time, but for nothing is it more admirable than for its demonstration of Mr. Hewlett's complete command of his instrument. His is a creative genius, expressing itself with precision in its own terms. To one other rare gift we must refer, and that is the purity of imagination reflected in his work. Seeking his characters in the paganized and bloodstained walks of the Renaissance, boldly approaching figures sinister and sometimes inconceivably base, he nevertheless causes his lovely heroines to pass unscathed in their maidenly innocence through crises often terrible. Here we feel the poet beneath the romancer. In his prose, as in his verse, Mr. Hewlett aims at an ideal of singular nobility and renders the charm of it more appealing because he takes the dignity and beauty of rectitude as a matter of course.

## MACMILLAN'S SERIES OF GERMAN CLASSICS.

THE need of a new series of German classical texts for the use of high schools and colleges is found largely in the unsatisfactory character of so many texts in common use, and also from the great advance which has been made in recent years in Germany in the criticism and interpretation of German classical writers. It is only within a comparatively recent period that the Germans have recognized the value in education of the study of their own literature as an element of culture. The courses of instruction in the gymnasia have been devoted mainly to the Greek and Latin classics. Within recent years there has been a marked advance in the study of the modern languages. The thorough mastery of French and English is now an essential feature of all education in Germany. Recently German literature itself has attained to its true place in national education, and literary study is no longer based exclusively on foreign models.

This change in the subjects of popular education has led to the preparation of scholarly editions of the German classical writers. Little, however, has been done as yet for the thorough study of the later dramatists and novelists, especially those of the Romantic School. The Lyric poetry has fared better than other branches of literature, and has had a fairly satisfactory treatment. The literature of the earliest periods of the language is now a subject of school study, especially that of the Middle High German period, and of the Reformation which is of such vital importance for an accurate knowledge of the formation of the Modern German language. The increased interest in the study of the national literature has led some of the ablest scholars to prepare concise but skilfully edited manuals to supply the demand thus created.

The preparation of standard editions of the classics in England antedated this work in Germany. The great credit for this advance is due to the veteran editor Dr. Buchheim. While the various editions which he has prepared are unequal in value, his books for the study of the lyric poetry showing little interpretative power, his other works have been of a high order of merit. His introductions are clear and adequate as regards the facts, and his notes scholarly and judicious. He has spared no labor to verify and illustrate all difficult points. The later work of Dr. Breul in the same field is excellent, with the advantage that his scholarship is more recent and accords with modern demands. A group of excellent editors in this field has within a short time arisen in England. Of the numerous works available few constitute any fresh contribution to the study of the author. Many contain trite explanations of historical points, or confine their attention to the translation of difficult idioms, and there is often manifest a lack of thorough treatment. Under these circumstances the Macmillan Company announced three years since the preparation of a new series of classical German texts. The General Editorship of the series was entrusted to professor W. T. Hewett, Ph.D., Cornell University, one of the editors of the monumental Goethe Lexicon, which is in preparation by the Goethe Society, and well known for his standard contributions to Goethe literature. The different volumes of this edition are edited by representative men and embody the best results of modern scholarship. Eleven volumes of this series have now been issued, viz.: "Uhland's Poems," by the Editor-in-chief; Schiller's "Wilhelm Tell," by W. H. Carruth, of the University of Kansas; Goethe's "Egmont," by Sylvester Primer, of the University of Texas; Goethe's "Iphigenie," by C. A. Eggert, late of the University of Iowa; Lessing's "Nathan der Weise," by George O. Curme, of the Northwestern University; Freytag's "Verlorene Handschrift," by Mrs.

Katherine M. Hewett; Goethe's "*Hermann und Dorothea*," by J. T. Hatfield, of the Northwestern University; Lessing's "*Minna von Barnhelm*," by Starr Willard Cutting, of the University of Chicago; Schiller's "*Jungfrau von Orleans*," by Willard Humphreys, of Princeton University; Heine's "*Prose*," by A. B. Faust, of the Wesleyan University, Middletown; Schillers "*Maria Stuart*," by H. Schonfeld, of the Columbia University, also a German Reader for the use of high schools and colleges by the General Editor. An edition of Goethe's Poems by M. D. Learned of the University of Pennsylvania is in press.

Three additional volumes will appear during the year: Goethe's "*Faust*," by H. Wood, of the Johns Hopkins; Schiller's "*Wallenstein*," by Max Winkler, of the University of Michigan, and a German grammar for the use of high schools and colleges by the General Editor. These volumes have the advantage of having been prepared on a definite plan. Each contains, in addition to the text, an introduction, notes, bibliography, and an index to the introduction and notes, by means of which reference can be made at once to any explanation or critical remark regarding the author or his works, a feature not uniformly introduced before in any series. It is obvious that a volume may be edited merely as an aid to easy reading, or as an instrument of culture. It has been sought in the present series to edit the several volumes from the latter standpoint, so that the reading of any given work may lead out from the mere study of the text to a wider knowledge of the thought and language of the author, and the place of the volume itself in the history of literature. It is now possible to obtain a standard edition with scholarly notes at a slight cost above the price of the mere text.

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#### AMONG THE COLLEGES.\*

By the will of Mrs. Mary D. Goddard, of Newton, Mass., \$60,000 is given to Tufts College.

MR. PETER FIELD, fellow in mathematics in Cornell University, has been appointed professor of mathematics in Carthage College.

A. KIRSCHMANN, Ph.D., lecturer in philosophy at the University of Toronto since 1894, has been appointed professor of philosophy and director of the psychological laboratory.

\* In order to make this section of BOOK REVIEWS as complete as possible, the editor asks for the coöperation of colleges authorities. Properly authenticated news will be printed of all changes in college faculties, changes in instructors and important college news.

FRANK T. DANIELS, assistant professor of civil engineering, at Tufts College, has resigned.

W. D. MERRILL, Ph.D. (Chicago), has been appointed instructor in biology, with special reference to botany, in the University of Rochester.

MR. EDWIN HAVILAND, B.S. (Swarthmore, 1895), and A.M. (Cornell, 1899), has been appointed assistant in mathematics in Swarthmore College.

L. C. GLEN, Ph.D. (Johns Hopkins), has been appointed professor of geology at South Carolina College. F. A. Sanders, Ph.D. (Johns Hopkins), has been appointed instructor in physics in Haverford College.

PRESIDENT FRANK A. HOSMER, of Oahu College, Honolulu, has tendered his resignation to take effect next commencement, thus completing ten years of service.

At the Ohio State University, W. E. Henderson has been appointed assistant professor of analytical chemistry and C. B. Morrey, assistant professor of anatomy and physiology.

At Brown University, Frederic P. Gorham, biology; Ralph W. Tower, chemical physiology, and Arthur E. Watson, physics, have been promoted to assistant professorships.

THE Regents of the University of Texas have provided a psychological laboratory which has been placed under the charge of Professor Caswell Ellis, of the department of pedagogy.

DAVID R. MAJOR, Ph.D. (Cornell), who was last year fellow in education at Teachers College, Columbia University, has been appointed acting professor of pedagogy in the University of Nebraska.

DR. C. B. DAVENPORT, of Harvard University, has been called to the zoological department of the University of Chicago to fill the place left vacant by the removal of Professor Wheeler to the University of Texas.

DR. CHARLES G. SHAW has been appointed to the position in the department of philosophy in New York University made vacant by the resignation of Dr. J. H. McCracken, to accept the presidency of Westminster College, at Fulton, Mo.

At the University of West Virginia the following appointments have been made: Edward D. Copeland, A.B. (Stanford), Ph.D. (Halle), lately assistant professor of botany at Indiana University, to be assistant professor of botany; J. B. Johnson,

PRINCETON UNIVERSITY has received from Mr. Stafford Little, of Trenton, N. J., \$10,000 to endow a lectureship on themes connected with public life. Ex-president Cleveland will, during the coming year, deliver the first course of lectures.

THE new professors at Washington and Lee this year are: W. L. Clark, in the law department, vice Charles A. Graves, resigned; George H. Denny, in Latin, vice Edwin W. Fay, resigned; Dr. C. W. Crow, adjunct professor of French, German and Spanish.

In addition to \$300,000 subscribed from various sources for an endowment of Brown University, made on condition that \$2,000,000 be collected, Mr. John D. Rockefeller has offered to give \$250,000 on condition that \$1,000,000 be raised before commencement of next year.

Ph.D. (Michigan), to be assistant professor of zoology; Otto Folin, B.S. (Minnesota), Ph.D. (Chicago), to be assistant professor of chemistry, and J. D. Thompson, M.A. (Cambridge), of Trinity College, Cambridge, and University College, Sheffield, to be assistant professor of mathematics.

JAMES P. C. SOUTHALL, of the University of Virginia, has been appointed instructor in physics at Hobart College; Lindsay Duncan has been made instructor in mathematics, surveying and draughting at Union College. At Smith College, Annie Lyons has been appointed assistant in Zoology.

PROFESSOR W. H. SQUIRES, who holds the chair of psychology and pedagogics in Hamilton College, has been given a two years' leave of absence, which he will spend in study in Germany. W. B. Elkin, Ph.D. (Cornell), Teachers College, Columbia University, has been appointed acting professor.

PROMOTIONS and changes, as follows, were made this year in the force of the Zoological Department at the University of Nebraska, Lincoln: Henry B. Ward, professor; Robert H. Wolcott, adjunct professor; Albert B. Lewis, assistant instructor; Frank E. Watson, fellow and graduate assistant.

DR. HUGH ALLISON SMITH has accepted the position of professor of Romance languages at Colorado College, and Mr. Sidney Pattison of Williams College, an instructorship in English. The rapid growth of the college during the last two years has made it necessary to secure a much larger equipment.

MR. EDGAR R. CUMMINGS, a recent graduate of Union College, has been appointed an instructor in Geology in Indiana University. Mr. Cummings has published papers on the geology of the Mohawk Valley, N. Y., and is planning original work in the stratigraphical geology and paleontology of Indiana.

THE following appointments are announced at Dartmouth College: Dr. Gordon F. Hull, of Colorado College, to be assistant professor of physics; Mr. George T. Moore, assistant in Harvard University, to be instructor in botany; and H. H. Horne to be instructor in philosophy. Mr. Edward Tuck, of New York City, has given \$300,000 to Dartmouth College to be used for purposes of instruction.

SAMUEL AVERY, B.Sc. and A.M. (Nebraska), and Ph.D. (Heidelberg), for some years adjunct professor of chemistry in the University of Nebraska, has accepted the professorship of chemistry in the University of Idaho. The position left vacant at Nebraska has been filled by the appointment as instructor, of Robert Silver Hellner, B.Sc., A.M., assistant chemist in the Nebraska Experiment Station. Mr. Roscoe Wilfred Thatcher, B.Sc. (Ne-

braska), has been appointed successor to M. Hiltner.

AT Union College the faculty will be enlarged by at least three new members. Lindsay Duncan, a graduate of Maine University, and of Clark University at Worcester, takes an instructorship in mathematics, surveying, and draughting. John L. Marsh, who was graduated at Lafayette with first honors, will be instructor in modern languages. Mr. Marsh is a son of the well-known philologist, Professor Marsh of Lafayette. The Latin department will have the assistance of Curtis C. Bushnell, Ph.D., Yale, '92. The departments of geology and biology have been united.

ALFRED UNIVERSITY opens its 64th year with a larger Freshman class than for a number of years. The Babcock Hall of Physics has just been completed. It is a large and commodious building, well equipped with scientific apparatus and machinery for mechanical training. Prof. Edward S. Babcock, S.M., has been appointed "Babcock Professor of Physics and Chemistry." Dr. Arthur K. Rogers, of Chicago University, has been appointed instructor in philosophy and education. Helen W. Rogers, A.M., of Wellesley College, has been appointed instructor in English. Assistant professor Frank G. Bates, Ph.D., has been raised to rank of professor of history and political science. Instructor Gertrude B. Harris has been elected professor of German and French.

PROF. BATES and Prof. Chapin return to their posts, at Wellesley, after the Sabbatical leave. Prof. Stratton and Prof. Roberts will be in the enjoyment of this leave during the coming year. New appointments for the present year are as follows: Alicia M. Keyes, instructor in art; Grace Evangeline Davis, instructor

in physics; Grace Langford, instructor in physics; Bertha M. Ballantyne, instructor in zoölogy; Louise Townsend Penny, instructor in chemistry; Ruth Rhees, instructor in Biblical history; Laura Emma Lockwood, instructor in English; Elizabeth Wilhelmine Fette, instructor in German; Julia Swift Orvis, instructor in history; Olive Rumsey, instructor in English; Florence Jackson, instructor in chemistry; Edmund von Mach, instructor in Greek art; Emma Rensch, instructor in French; Mary A. Bowers, instructor in zoölogy; Henrietta Gardiner, assistant in English; Katharine Bates, assistant in English; Charles Herbert Woodbury, teacher of drawing; Alphonse Marin La Meslée, lecturer on French literature.

DR. ADOLPH RAMBEAU, associate professor of the Romance Languages, at Johns Hopkins, has become professor of French at the Massachusetts Institute of Technology. His place will be filled by promotions among his subordinates. Professor Simon Newcomb will in the future give much more of his time to the university, and will take most of the classes of Dr. Charles L. Poor, who has resigned as associate professor in astronomy.

An attempt is being made by the Young Men's Christian Association to establish a small dormitory for students. The experiment is of interest, as its success may lead to the development of a coöperative dormitory system similar to that in existence at the University of Edinburgh.

The Graduates' Club, for graduate students and alumni of the university, which was organized last spring, has gained a large number of members, and will probably soon have a clubhouse.

THE following changes have been made in the faculty at Smith College. Miss Anna Cutler, Ph.D., transferred from the English department to that of mental and moral philosophy; Prof. St. George L.

Sioussat, Ph.D., of Johns Hopkins University, to take the place of Miss Crandall as assistant in the history department; Miss Mary C. Wells, additional instructor in Greek; Miss Wilfred Manat of Brown University, new assistant in German; Miss Mary A. Young, Ph.D., University of Zurich, assistant in German; Miss Frances Smith, instructor in French and Italian; Miss Georgianna L. Marrow, Ph.D., of Vassar and Heidelberg, instructor in rhetoric and English; Miss Grace P. Darling of Smith College and Cornell University, instructor in English; Miss Harriet W. Terry, Smith, '95, instructor in English; Miss N. Gertrude Dyer, '96, assistant in elocution; Miss Annie L. Barrows, '96, assistant in zoölogy; Miss Florence May Lyon, Ph.D., assistant in botany; Miss Senda Berensen, assistant in the gymnasium. Two new scholarships are announced, one of \$5,000, given by Miss Caroline Phelps, and one of \$1,000 to be known as the Emma E. Scranton scholarship.

THE Massachusetts Institute of Technology opened on Sept. 27th with a Freshman class of 350. This is the largest class ever entered, and the total enrolment is greater than ever before.

Since the end of the last term some changes have been made in the faculty. Dr. Adolph Rambeau has been made professor of modern languages. Dr. Arthur A. Noyes has been made professor of theoretical and organic chemistry. Jerome Sondericker, C.E., is now associate professor of applied mechanics; Allyne L. Merrill, B.S., has been made associate professor of mechanism; Edward F. Miller, B.S., has been raised to the rank of associate professor of steam engineering; Dr. George V. Wendell has returned from three years' study in Germany, and resumes his duties as instructor of physics; Captain John Bordman, Jr., who was instructor in military science, is on his way

to the Philippines with the 26th Infantry ; Myron L. Fuller has been made an instructor in geology.

THE fifteenth academic year of Bryn Mawr College began on Tuesday, Oct. 2d. It is evident from the advance enrolment that the room capacity of the residence halls will be taxed to the utmost, even though they are this year increased by two houses belonging to the college, Cartreff and Dolgelly.

An important decision has been reached by the college authorities in their endeavor to fulfill the requirements of their ideal college education. They believe that on each student going out from a college should be impressed the mark of academic life, and that this can only be done by residence. They have, therefore, announced that hereafter no student will be allowed to live outside of college halls except the few who have homes in the immediate neighborhood and wish to live in them. This means that the college must very soon begin to refuse students, unless the generosity of its friends enables it to build another residence hall. The library has also so outgrown its quarters that a separate building for it has become an imperative need.

The following new members of the faculty have been appointed, in place of those whose resignations have already been announced: Albert P. Willis (Ph.D., Clark), associate in applied mathematics and physics. Dr. Willis has since 1897 been studying at Berlin and Göttingen. Allertan S. Cushman (Ph.D., Harvard), comes as associate in chemistry. During 1888 and 1898 he studied at Heidelberg, and was instructor in Washington University. Robert Somerville Radford (Ph.D., Johns Hopkins) becomes associate in Latin literature. He has taught in the academy of Northwestern University and in Washburn College. H. Adelbert Hamilton (Ph.D., Johns Hop-

kins) is the new associate in Greek. Dr. Hamilton has taught Greek and Latin at the University of Rochester, where he received his undergraduate education. Joseph Clark Hoppin (Harvard) has been appointed associate in classical art and archaeology. Mr. Hoppin has studied at the American School at Athens, and at Munich. He has also lectured at Athens and at Wellesley. Albert Schinz (Ph.D., Tübingen) will be an associate in French. Dr. Schinz has taught at the University of Neuchâtel, has studied at Clark University and last year was professor of French in the University of Minnesota. He will give Dr. Fontaine's work during this year, and the latter will study at the British Museum. Dr. Schinz will remain in the French department after Dr. Fontaine's return.

Among other appointments are the following: Miss Mary H. Ritchie (Ph.D., Bryn Mawr), secretary of the college; Miss Julia A. Hopkins, assistant librarian, who has had experience as reference librarian of the Reynolds Library, Rochester, N. Y.; Miss Janette Trowbridge, assistant in the gymnasium, and Miss Margaret Hilles, mistress of Merion Hall. Miss Hilles's appointment continues the policy of appointing as heads of the residence halls, women of academic training. Miss Frances Lowater, again becomes demonstrator in physics, and Miss Lucy M. Donnelly returns to the English department after a year's leave of absence.

THERE are very few changes at Amherst in the faculty and departments this year. Prof. W. C. Esty has been granted a year's leave of absence, and his courses will be taken by his son, J. C. Esty. Dr. Hitchcock has given up his course in human anatomy, and instead Dr. P. C. Phillips will offer a course in physiology and anatomy during the spring term. The sophomore chemistry course will therefore occupy the first two terms instead of the



last two. Dr. Hubert L. Clark, who was assistant in biology last year, has secured a position in Olivet College, Michigan, and F. B. Loomis, Ph.D., Amherst, '96, will take his place. Dr. H. P. Gallinger has returned and will resume his courses.

THE following changes in the faculty of Lehigh are announced: Robert W. Blake, formerly of Washington and Jefferson College, assumes the duties of Professor of Latin language and literature in place of Dr. E. M. Hyde who resigned to become Dean of Ursinus College, and Charles J. Goodwin, formerly of Wesleyan College and St. Stephen's College, becomes professor of Greek language and literature, succeeding Prof. W. A. Robinson who resigned to take charge of the department of Latin at the Lawrenceville School.

The following appointments as instructors have been made: Robert M. Wilson, E.E., '96, Cornell, Barry MacNutt, E.E., '97, M.S., '98, Lehigh and J. S. Viehe, E.E., '99, Lehigh, to be instructors in electrical engineering; Herman Schneider, B.S., '94, Lehigh, to be instructor in civil engineering, and Amasa Trowbridge, Ph.B., '91 Sheffield Scientific School, and chief engineer U. S. S. Catskill during the late war, to be instructor in mechanical engineering.

THE Hobart College year opened on the 19th of September with a class larger than that of last year. Two-thirds of the incoming students enter the full course in arts, leading to the degree of A. B.; about one-half come from other states than New York.

The increase in the number of students will make necessary and opportune the expected accommodations of the Coxe memorial building, which will furnish a new lecture hall and additional class-rooms. The subscriptions have reached a sum which warrants the hope that the building will be begun within the year.

The department of physics is strengthened by the accession of James P. C. Southhall, A.M., of the University of Virginia. He will assist Prof. Smith, who retains the department of astronomy. Richard C. Manning, Ph.D., lately instructor in Latin at Harvard University, will take the place of Dr. Simonds, who has just been called to the chair of Latin in Trinity College. In the absence of Prof. Rose, who will reside in Munich during the year for purposes of study, Waldo Shaw Kendall, a recent graduate of Harvard, will act as assistant to Prof. Jones in French and German.

RADCLIFFE COLLEGE shows a very favorable opening for the new year. It has a total of 384 students of whom 243 are in the four regular classes, Radcliffe, 38 are graduate students, and 103 are special students. The freshman class, numbering 73, shows a slight increase over last year.

The new gymnasium, which was opened about the middle of the last college year, is well equipped with apparatus and baths. The main floor, when not in use for regular class work is available for tennis and basket ball. About 225 students have entered their names for gymnasium exercise this year.

The advanced work offered by the college has attracted graduates of some twenty different colleges and universities, amongst them Wellesley, Smith, Vassar, Bryn Mawr, Stanford, Swarthmore, Colorado, Minnesota and Iowa, while one young woman holding a Ph.D. from Cornell has felt that enough advantages are offered for her to spend a year in study at Radcliffe.

Undergraduate work at Radcliffe is done by a repetition of Harvard courses by the Harvard professors and instructors, but in graduate work, where the Harvard classes are small, the young women in a considerable number of cases

attend the classes for men at Harvard. An apparent tendency for this custom to be extended to undergraduate as well as graduate work has called forth a vigorous protest from Prof. Barrett Wendell in a recent number of the *Harvard Monthly*. He fears that co-education is gradually coming to Harvard and thinks a stand should be made against it at once or it will work injury to both college and instructors. The protection he offers against this danger is that Radcliffe shall become entirely separate from Harvard and shall have its own faculty, and, in order that this may be accomplished, he gives an earnest plea to the public for the generous endowment of Radcliffe.

The inauguration of Miss Caroline Hazard as president of Wellesley College took place October 3d, in the Houghton Memorial Chapel. Among the official **Wellesley** representatives of other colleges present were the following: Harvard, President Eliot and Professor George H. Palmer; Yale, President Hadley and Professor Albert Cook; University of Pennsylvania, J. G. Rosengarten and Professor William Lamberton; Brown, President Faunce and Professor Benjamin T. Clarke; Dartmouth, Professor Charles F. Richardson; Williams, President Franklin Carter; Colby University, President Butler; Amherst, President Harris; McGill University, Principal William Peterson; Wesleyan, Professor Q. G. Van Benschotten; Tufts, Professor Edwin A. Start; Vassar, President Taylor; Bates, Professor Thomas Langell, Massachusetts Institute of Technology, Dr. Harry W. Taylor; Cornell, Professor T. F. Crane; Boston University, Dean Borden P. Bowne; Smith College, President Seelye; Johns Hopkins, President Daniel C. Gilman; Radcliffe, President Agassiz and Dean Agnes Irwin; Bryn Mawr, President M. Carey Thomas; Clark University, Professors E. P. Sanford and A. G. Webster; Barnard, Dean Put-

nam; Pembroke Hall, Brown University, Dean Louis F. Snow; Mount Holyoke, President Mead; Colorado College, President Slocum.

Prayer was offered by Alfred A. Hovey, vice-president of the trustees. Then Mrs. Durant, the surviving founder, presented Miss Hazard with a copy of the college charter and the keys of the library, College Hall and the Houghton Memorial Chapel. Miss Hazard followed her acceptance of these insignia with a short address.

President Eliot of Harvard then spoke of the aspects of the higher education for woman and the prospects for Wellesley. President Angell followed him with a graceful tribute to the power of Wellesley as an educational factor. Horace E. Scudder was toastmaster at the luncheon which followed. The following responded to toasts: President M. Carey Thomas of Bryn Mawr, President Hadley of Yale, the Rev. Hurst Hollowell, of England; President Slocum of Colorado College, President Carter of Williams and Professor George H. Palmer, of Harvard.

THE University of Illinois began the new academic year with the registration of students on Monday and Tuesday, September 18 and 19. The returns so far **Illinois** indicate a registration for all departments of the University during the present year of 2,100 or 2,200. Among the departments which show substantial gains may be mentioned the School of Law and the College of Agriculture. One interesting feature of the registration is the large increase in the number of young women entering the various University departments.

Among the new courses offered which deserve special notice are those in argumentative composition and public speaking. The training in argument is not wholly new at the University, but it is now greatly extended. The instructor in charge of these courses is Mr. Adams, who re-

ceived his training at Harvard University. The registration in the new classes indicates that they meet a real demand from the student body, and their influence will undoubtedly be felt in a higher standard of public speaking among the students of the University of Illinois. Last year Illinois took part in two inter-collegiate debates, one with Indiana and one with Wisconsin, winning the first and losing the second. This year with the better opportunities for training, a still better showing may be looked for. Forty-two new students registered in the College of Agriculture on the registration days. There are still twenty-four others who have been awarded scholarships, and this indicates their early presence at the University. This is about four times the number at any previous registration, and the increase is very gratifying to those who have been especially interested in improved facilities for instruction in this subject.

Work on the Agricultural Building has begun and the excavating is nearly finished. When this building is completed it will be the largest and best equipped agricultural building in the world. The Law School of the University of Illinois has opened its third year with largely increased attendance. There has been a registration so far of 80 students as against 57 at the same time last year. The new Dean, Professor J. B. Scott, of the Los Angeles Law School, has arrived and entered upon the duties of his position. During the present year he will also give a series of popular lectures on law for the students of the University at large.

THE following additional members of the faculty have recently been elected:

**West Virginia.** Edwin Bingham Copeland (A.B., Leland Stanford Junior University, Ph.D., University of Halle, Germany), assistant professor of botany; Lucy Celeste Daniels, (B.L. University of Wisconsin and A.M.,

University of Chicago), associate professor of European history; James David Thompson (M.A., University, of Cambridge, England, M. Sc., Victoria University, England), assistant professor of mathematics; John Black Johnston (Ph.D., University of Michigan), assistant professor of zoölogy; Otto Folin (B.S., University of Wisconsin and Ph.D., University of Chicago, and graduate student Berlin and Marburg), assistant professor of physiological chemistry; Hannah Belle Clark (A.B., Smith College; Ph.D., University of Chicago), assistant professor of domestic science, and dean of women; William Henry Whitman (B.S., West Virginia University), fellow in physics.

The second summer quarter since the University adopted the continuous session plan has closed with an attendance of 250 students, representing fourteen states. The attendance the first summer quarter was 188. The total enrollment last year was 815. This year it promises to reach 1,000.

The University has adopted the elective system to its full extent. Hereafter the degree of Bachelor of Arts will be conferred upon any student who satisfies the entrance requirements, and satisfactorily completes forty-two full college courses, of which at least nine courses are in some one department, selected by the student as his major subject or specialty. The professor in charge of the students' major work will act as the students' class officer and adviser and will have authority to require the completion of the major subject, and also of such minor subjects in other departments as he may consider necessary or advisable collateral work; provided that such minor requirements shall not exceed six courses. With the exception of these major and minor courses, all work is elective, and the student may, in consultation with his major professor, freely choose any subject taught in the University which his previous studies have prepared him to undertake. The degree of B.S., Ph.B., and B.L. will

no longer be given. A.B. will be the only academic degree, but the professional and technical degrees will be given as heretofore.

The pre-medical course has been extended to cover the first two years of the work in regular medical colleges.

PROF. JOHN FRANKLIN JAMESON will be assisted in history by William D. Johnston, '93, since 1894 instructor in history at the University of Michigan.

**Brown.** He takes the instructorship left vacant by Dr. Edmund C. Burnett, who has become acting professor of history in Cornell College, Iowa.

Elmer E. Wilcox, instructor in elementary law, has gone to Iowa State University. Chester W. Barrows, '95, Harvard Law School, '98, has succeeded him. In the department of botany the courses heretofore given by Instructor Haven Metcalf will, on account of his withdrawal, be offered by J. Franklin Collins, curator of the herbarium.

Prof. J. Irving Manatt, the head of the department of Greek, has been given leave of absence for the fall term. He is spending it in Athens. Part of his work will be taken by Prof. Francis G. Allinson, Benedict professor of classical philology. George Albert Goulding, '99, the winner of the Foster premium in Greek, has been appointed instructor in Greek. Dr. George A. Williams, formerly principal of Vermont Academy and instructor in Greek here, has been made assistant professor of Greek. E. E. Thompson, '99, of Fall River; Clinton H. Currier, A.M., '98, of Manchester, N. H., and Bernard C. Ewer, '99, of Providence, have been made instructors in mathematics.

With this year Prof. Wilfred H. Munro, A.M., and Prof. Walter G. Everett, Ph.D., begin their service as full professors respectively of European history and philosophy and natural theology. Other promotions taking effect now are Alexander

Meikeljohn, '93, Ph.D., Cornell, '97, assistant professor of philosophy; Albert Bushnell Johnson, A.M., assistant professor of Romance languages; Frederic P. Gorham, A.M., assistant professor of biology; Ralph W. Tower, A.M., assistant professor of chemical physiology; Arthur E. Watson, A.M., assistant professor of physics.

The President's mansion at the head of College Hill has been turned into a student's dormitory and refectory. The corporation has taken steps towards the erection of a house for the President near the campus.

University Hall has been renovated since June, and the President's offices have been handsomely refurnished and decorated.

An administration building is to be the next addition to the group of buildings on the Brown campus. The fund for its erection is the \$40,000 gift made two years ago by the late Augustus S. Van Wickle, '76, of New Brunswick, N. J. The structure is to stand at the College Hill entrance and will include a memorial gateway.—*Evening Post, N. Y.*

THE marked success of last year's experiment in offering to the public school teachers of Baltimore

**Johns Hopkins.** and to other persons not formerly connected with the University certain carefully arranged lecture courses has induced the academic authorities to present larger and more varied opportunities for the coming year. Instruction in literature, pedagogy, climatology, physics, social and municipal economics will be given in the form of consecutive lecture courses with, in some cases, attended class and laboratory work. A nominal fee will be charged for attendance at each course, and any suitable person of either sex will be admitted. This conservative but gradual extension of university opportunities, to a larger student body, by means

of systematic, quasi-public lecture courses, is one of the most interesting developments of recent university policy and may be expected to bring the institution into even closer and more influential relations with the local community.

President Gilman spent the summer as usual at Northeast Harbor, Maine. One tangible result is a memoir of Professor James D. Dana, the distinguished geologist, of Yale University. The volume is now in the press of Harper's and will appear as an octavo of some three hundred pages, before Christmas. President Gilman's plans for the coming weeks include attendance at the inauguration of President Hadley at New Haven, and immediately thereafter, a journey across the continent to the Pacific slope for the purpose of delivering the address at the inauguration of President Wheeler, of the University of California. Particular interest attaches to the latter occasion, in that a quarter of a century has virtually elapsed since President Gilman removed from the far west to begin the brilliant work of shaping the destinies of a new and epoch-making institution.

Professor L. F. Barker, Professor Simon Flexner, Mr. F. P. Gay, Mr. J. M. Flint and Mr. John W. Garrett constituting the party from the Johns Hopkins Medical School that left Baltimore for Manilla in the early spring have returned with the beginning of the academic year. The time of the medical members of the party was given to the study of tropical diseases, and to climatic effects upon white races in the tropics, and satisfactory results were obtained.

A timely issue of the Johns Hopkins Press is "Cuba and International Relations" by Dr. James Morton Callahan, lecturer in diplomatic history. The work, which is issued as an extra volume of the Johns Hopkins University Studies in Historical and Political Science, is an historical study in American diplomacy and

international relations as connected with Spain, and her former colonies around the Gulf of Mexico. The nature of the subject has led to an extensive consideration of the American policy of territorial acquisition.

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THE summer quarter, 1899 was the most successful summer term at the University of Chicago since the founding of the university.

There were in attendance over 1,600 students in all departments, and a larger percentage of them than heretofore remained in residence to the close of the quarter. The faculty during this quarter was augmented by twelve instructors from other institutions, among whom were Professor Bauer, of the University of Vienna; Professor George Adam Smith, of Glasgow, and Professor Henneman, of the University of Tennessee.

The Autumn quarter opens with a large increase in members, especially in the undergraduate colleges. The university will lose the services of Professor Von Holst this quarter, who is compelled, on account of prolonged ill health to withdraw temporarily from his duties. Dr. Ferdinand Schmitt, of the department of history, has been promoted from an instructorship to an assistant professorship, and will take charge of Professor Von Holst's graduate courses. Professor Von Holst's seminar in American History will be conducted by Professor T. J. Turner, of the University of Wisconsin. The university loses the services of two able young men in the department of biology, Assistant Professor Sho Watasé who has been called to the University of Tokio, and Assistant Professor W. M. Wheeler, who has become head of the department of zoology in the University of Texas. One of the vacancies thus created has been filled by Dr. Charles B. Davenport, of Harvard.

Rev. Clifford W. Barnes has been made

an instructor in the department of sociology and has also been appointed to the head of the University Settlement. The growth of the University Settlement is marked by the fact that a new Settlement house is now being built. It is hoped that very shortly a gymnasium will be added to this.

Two academies have been added to the list of affiliated institutions, Elgin Academy (chartered 1839) and Dearborn Seminary (organized 1855). The latter institution will be under the directions of Mrs. M. L. Crame, formerly assistant professor of English in the University. The second year of the College for teachers opened October 1st. The curriculum of the College for Teachers is substantially the same as that of the Junior Colleges. Classes are conducted in two hour periods, afternoons, evenings and Saturdays in the Fine Arts building in the centre of the city. The elementary and the secondary schools, both of which are in close connection with the department of pedagogy, begin the autumn quarter with increased enrollments.

Some new publications by members of the University are: "The Story of the American Indian," by Professor F. Starr; "A History of New Testament Times," by Professor Shailer Matthews, and "The School and Society," by Professor John Dewey.

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No year, in the long history of Mount Holyoke, except that of the fire, has brought so many changes, external and internal, as the present. Not only has a large new dormitory been provided, but a much needed gymnasium, splendidly equipped, has been erected, and will open its doors in November.

A great increase of applications for entrance has made it necessary to discuss seriously the question, whether the number of students be limited. In 1896 the

College welcomed the largest class that had ever entered up to that time, a class of one hundred members; but this year the Freshman class numbers two hundred and thirty.

Miss Mary Frances Hazen has returned after a year's study in Rome and at Oxford, to take her place again at the head of the Latin Department. Associated with her is Miss Helen M. Searles, Ph.D., University of Chicago. The department of Biblical Literature is in charge of Miss Alice Mary Holmes, B.D., of Hartford Theological Seminary. Miss Isabel Graves, Ph.D., of the University of Pennsylvania, is at the head of the department of English language and literature. Miss Anna S. Thatcher, B.L., of Smith College, is the new instructor in French.

Miss Eleanor Doak, A.B., who has done two years graduate work at the University of Chicago, and Miss Alice Robinson, who has returned to study for the master's degree, will assist in mathematics. Miss Louise B. Wallace, who for three years has been teaching zoology at Smith College, has resumed her work at Mount Holyoke. Miss Olive S. Hoyt, '97, assists in chemistry, Miss Susan Leiter, '99, in physics. Miss Young, niece of Dr. Young of Princeton, has the position in the astronomy department left vacant through the death of Miss Bardwell. Miss Spore, who has been appointed instructor in physical culture and elocution, has resumed work after a year's absence. Dr. Eleanor Parry, who took her degree at the Woman's Medical College of the New York Infirmary, has become resident physician. Dr. Parry, who has studied three years in Vienna, and has done graduate work at Johns Hopkins University, was a member of the female clinic of the Massachusetts General Hospital.

The music department is in charge of Prof. William C. Hammond, organist of the Second Congregational Church in Holyoke, Prof. N. H. Allen, organist of

the Hartford Center Church, has charge of the work in theory and history of music.

A new department has been added this year, that of pedagogy. Dr. Street, of the Bible Normal College of Springfield, offers several thorough courses in this subject especially designed to give practical aid to the many who expect to teach in the future. The nearest approach to such a department hitherto has been the normal courses in such subjects as English and Mathematics.

THE Harvard College class of 1903 is the largest freshman class on record at

Harvard. Harvard, and the total registration in the Uni-

versity is somewhat above that of last year. The entering classes at the Law School were made smaller some two years ago by the passing of a regulation that no one who had not received a college degree should be admitted to regular standing. This year, however, the numbers have increased so much that it has been decided to build an addition to the north wing of Austin Hall to provide further accommodations for the students.

Last January Mr. Jacob H. Schiff, of New York, offered to the University \$25,000 toward the erection of a Semitic Building, provided an equal sum from other sources could be secured by July 1st of this year. The object of the offer was to provide a suitable building for the Semitic Museum, the departmental library and the Semitic instruction. Contributions to the fund were generous, but, as July 1st drew near, several thousand dollars were needed to secure the original sum. Mr. Schiff then offered to increase his gift to \$50,000, provided the other subscribers would allow their contributions to "go to the fund from which purchases for the collection are being made." This offer was accepted without dissent, and the University will accordingly have, in addition to the desired Semitic building, \$19,240 for increasing the museum collections.

The opening of Warren House at 12 Quincy street is of great importance to advanced students in literature. It was the residence of the late Henry C. Warren, and was bequeathed to the University by him for the use of the Department of Modern Languages. Upon the ground floor have been placed the valuable collections of the Child Memorial Library, and the libraries of the French, the German, and Romance Language Departments, comprising in all about 6,000 volumes. Other rooms in the house are used for some of the smaller advanced courses in literature, and a large room upstairs is available for meetings of the Modern Language Division.

In fulfillment of the terms of the will of the late Edward Austin, the President and Fellows of Harvard College have voted that \$2,000 shall be assigned yearly from the income of his bequest of \$500,000 to establish eight scholarships, of \$250 each, to be awarded to superintendents of schools, and to teachers in secondary schools and in colleges who desire to study a year at Harvard and intend to return to their teaching. There have also been voted from the income of the same bequest four teaching fellowships of \$500 each for men who devote part of their time to teaching and part to study at the University.

The Cercle Français has this year decided to give at its annual performance a play of Cyrano de Bergerac's entitled "Le Pédant Joué." It is a farce of the preclassic school after the manner of the early Italian plays. The performances are to be in December.

There were two resignations from the Faculty just before the opening of college, Professor Arthur R. Marsh and Dr. Charles B. Davenport. Professor Marsh was head of the Department of Comparative Literature and resigned his college position to engage in business. Dr. Davenport was an instructor in the Zoological Department, and accepted an appointment

in Chicago University to fill the vacancy caused by the resignation of Assistant Professor Wheeler.

THE University of Wisconsin began the second half century of its history with the opening of the current academic year on the 27th of September. Complete statistics of the enrollment of students are not yet available, but the entering class in the four-year courses already numbers four hundred and seventy-five, and the professional schools are likely to show a corresponding increase over the registration of last year.

For many years the University has suffered from the lack of a general assembly of all the students. In a state institution compulsory chapel has, of course, been out of the question, and when "college rhetoricals" were given up, a dozen years ago everything in the nature of a regular university meeting disappeared. This year the experiment is being tried of holding a weekly assembly in Library Hall, open to all members of the University, but obligatory for sophomores and freshmen. It is also proposed to have, from time to time, meetings of the whole student body in the University Armory. Sentiment seems generally favorable to the new plan, and its outcome is watched with considerable interest.

The formal inauguration of the new Dean of the College of Engineering, Professor J. B. Johnson, takes place October 14. The Western Society of Engineers will be present in a body as the guests of the Regents of the University. The program includes speeches by President Adams and prominent members of the Society of Engineers, and an address by Professor Johnson on "Some Neglected Functions of our State Universities."

The vacancy in the chair of machine design caused by the resignation of Professor F. R. Jones has been filled by the

appointment of Dr. C. N. Harrison, of the class of 1882, who has supplemented his training as a practical engineer by advanced studies in physics at Johns Hopkins. Other appointments made at the September meeting of the Board of Regents are: Andrew R. Whitson, Assistant Professor of Agricultural Physics; H. G. A. Brauer, Assistant in French; Andrew M. O'Dea, Assistant to the Director of the Gymnasium; E. G. Hastings, Assistant in Bacteriology; and Miss May Hunt, Assistant in English, Assistant Professor Richter, of the department of experimental engineering, has returned to Madison after a year of special study and professional work in the east.

The Wisconsin Geological and Natural History Survey, under the direction of Dr. E. A. Birge, professor of Zoology, has been actively at work since its establishment in 1897, and has recently issued several extensive reports. These volumes furnish fresh illustration of the valuable encouragement offered to original investigation in all departments of knowledge by the liberal policy of the State of Wisconsin in regard to publication at public expense. Not only the *Reports*, of the Geological and Natural History Survey, but the *Collection* and *Proceedings* of the State Historical Society and the *Transactions* of the Wisconsin Academy of Sciences, Arts, and Letters, are issued through the public printer, while the University maintains the *Bulletins of the Agricultural Experiment Station*, the *Publications of the Washburn Observatory*, and the four series of *University Bulletins*—Philology and Literature, History and Political Science, Science, and Engineering. Each of these nine series is in charge of competent editors and limits itself to material of permanent value in its special field.

Two new student periodicals make their appearance this fall, an alumni monthly, and a fortnightly magazine entitled the *Sphinx*, illustrated and written in a some-



what lighter vein than the time-honored undergraduate monthly, the *Ægis*.

THE college of Arts and Sciences, the College of Technology, and the Newcomb Memorial College opened October 2d, with numbers comparing favorably with those of the opening day last session. The College of Medicine will open November 2d, and the College of Law, November 13th. The Board of Administrators has not yet selected a successor to the lamented President Johnston. The loss of that remarkable man is felt profoundly, and the task of filling his place will be a difficult one indeed.

During the vacation a number of the Faculty have been engaged in professional work. Several of the professors delivered courses of lectures at the Louisiana Chataqua at Ruston, where the University has erected a handsome building. Dean Dillard, of the College of Arts and Sciences, was among the lecturers at the summer school at Amherst, Mass., and Professor Fortier, at Chataqua, New York. Professor Wilkinson spent some time in Mexico in the interest of his subject, Sugar Chemistry. He finds an excellent opportunity for the University to extend its influence in that country. Indeed the location of Tulane, and the fact that a large proportion of the population of the city of New Orleans is of Latin race, seem to point logically to Tulane as a University for Spanish American students. Cuba, Mexico and South America will be represented in the attendance upon the Sugar Engineering Course for the current session.

The community is learning more and more to look to Tulane for counsel in engineering matters, and many graduates of the College of Technology are filling important positions here and in other places with gratifying efficiency. During the past year, great numbers of tests of building materials and machinery have been

made by the University in the laboratories and elsewhere. Tests of all the machinery of the great drainage system of the city, which includes some of the largest pumps in the country, electrically driven from a central station, will soon be conducted by professors and students of the University.

Assistant Professor of Natural History G. E. Beyer has completed a full annotated catalogue of the Herpetological and Ornithological Fauna of Louisiana. This is the first complete work of the kind yet attempted. It is now in press, and will be published by the Louisiana Society of Naturalists. In 1898, he published in the *American Naturalist*, "Contributions on the Life Histories of certain Snakes," a work that has attracted flattering notice in America and Europe. Professor Beyer has also made numerous discoveries of great interest in Louisiana Archæology, and has published his reports in the Proceedings of the Louisiana Historical Society. During the past summer, he has devoted much time and labor to securing for the University Museum specimens of the rarer forms of Louisiana animal life. Among other things, he has secured a beautiful group of Ivory Billed Woodpeckers (*Campephilus Principalis* L.). This splendid bird is very rare, and is rapidly becoming extinct. It retires, like the Indian, before the advance of the white man, and must be sought now in the recesses of almost impenetrable swamps.

Owing to the increased number of students in Mechanical Engineering, large additions to the equipment of the shops and laboratories of the department have become necessary. There will be a considerable increase also in the chemical apparatus, especially looking to an enlargement of the work in Physical Chemistry. Assistant Professor B. P. Caldwell, B.A. Ch. E. (Tulane), has been granted leave of absence for two years, which time he will devote principally to advanced work in the Chemical laboratory of Professor

Remsen, of Johns Hopkins. Professor Caldwell's place will be supplied during his absence by Mr. Nicholas Bauer, M.A. (Tulane).

THE academic year has opened with every indication that it will be the most prosperous in the history of the institution.

So far as numbers go, the figures recorded in the Registrar's books have never been reached before ; the total registration at this time having reached 1,143, an increase of 176 over the same date last year. But better than numbers is the steady improvement shown from year to year in the qualifications of candidates for admission ; indicating a willingness on the part of preparatory schools to meet the University's requirements.

The registration is divided among the colleges as follows : Agriculture, 121 ; Arts, Philosophy and Science, 402 ; Engineering, 387 ; Law, 176 ; Pharmacy, 39 ; Veterinary Medicine, 18. The entering class contains about 400 students.

The University will always remember with pleasure and some justifiable pride the annual meeting of the American Association for the Advancement of Science, which was held in Columbus. The burden of entertaining the association rested largely with the University ; but the citizens of Columbus also contributed generously to the success of the meeting ; and whatever fears may have attended the selection of an inland city were at once and forever allayed.

When the Spanish war began, most of the army officers detailed for instruction at the various colleges were ordered to join their regiments. This action deprived the University of the efficient services of Lieutenant John T. Martin ; and during the interregnum that ensued the work of the battalion has been carried on by the cadet officers and men, with such occasional assistance as could be given by officers sta-

tioned in Columbus. President McKinley has finally come to the rescue, and has detailed as Professor of Military Science and Tactics, Major John M. Burns (retired), of the 17th U. S. Infantry. Major Burns brings a reputation for soldierly qualities which dates back to the Civil War ; and the very unusual record of thirty-one years' service in one regiment.

Other recent changes in the list of instructors may be noted, as follows : Edwin D. Shurter, A.M., was appointed Assistant Professor of Rhetoric and Public Speaking ; but has since resigned, to accept a similar position at the University of Texas ; and the vacancy has been filled by the appointment of Mr. H. C. Allen, a graduate of Cornell University. Mr. Charles A. Bruce was made Assistant Professor of the Romance Languages, succeeding Murray P. Brush, who has accepted an instructorship at Johns Hopkins. George H. McKnight, Ph.D., was appointed Assistant Professor of Rhetoric and English Language, succeeding Joseph Russell Taylor, who is transferred to the department of English Literature.

Assistant Professor John A. Bownocker has been made Associate Professor of Inorganic Geology. Charles L. Arnold and Karl D. Swartzel, assistants in Mathematics have been promoted to assistant-professorships in the same department.

It can be regarded only as a provisional measure that the College of Law has been crowded out of Orton Hall by the growth of the Library, and has been assigned quarters in University Hall, which seemed already pretty well filled ; and it only emphasizes the fact that permanent provision for the students of law cannot much longer be delayed.

It is probable that there are more newly-appointed college presidents in the country just at this time than ever before. In New England, Yale, Amherst, Brown and Wellesley have changed their official heads ; and in Ohio, beside the State

University, the following institutions have put new men at the helm: Miami University, the University of Wooster, Oberlin College, Baldwin University, The Ohio University (at Athens), the University of Cincinnati.

THE opening year seems promising, so far as mere numbers are concerned, as well as in other ways. The

**Columbia.** total university community, during the last academic year, was well over 4,000, if we include, as it is only fair to do, officers of administration and instruction. This year the college proper, the scientific and profession schools, and Barnard and Teachers Colleges have all increased in numbers. If the summer school is well attended, as can hardly fail to be the case, it would not be strange if the figures for 1899-1900 should reach 5,000, a total of which the University, the city, and the country at large may well be proud.

Of the new appointments that of Dr. J. H. Canfield as Librarian is by all odds the most important. Dr. Canfield has had a distinguished career as a teacher, scholar and administrator, and his advent at Columbia is heartily welcomed by all. The library is here, even more than elsewhere, regarded as the most essential factor in university work. It occupies a magnificent building; it has an ample endowment; the trustees watch its interests zealously; and students and professors are alike eager that it should be administered in the most liberal and thorough way possible. Dr. Canfield has been on duty since July 1, and the University has every reason to congratulate itself on the energy and judgment with which he is filling his new and most important office.

A remarkable series of Ph.D. theses is being issued by the Columbia University Press, under the direction of the two professors of literature, Professor Woodberry and Professor Brander Matthews. One,

by Dr. Spingarn, deals with the history of literary criticism in the renaissance; a second, by Dr. Chandler, with the rogue romances of Spain, France and England; and a third, by Dr. Underhill, with some parts of the influence of Spanish poetry on English. It is not too much to say that in these volumes, for the first time in America, are the dry as-dust researches of young doctors being presented in good literary form. Of their value the learned must judge, but the authors actually write in decent English, instead of in a Germanic jargon, they expound their theories so that even the intelligent layman can usually understand them, and the printing does not offend the taste and ruin the eyesight. It will indeed be a happy day when the majority of young experts follow their lead.

It is interesting to watch the rapid growth of Barnard College, a growth which its unique position, in the middle states, as a part of a great educational system, has done much to foster. This year its members have again increased. It is now as large as Columbia College was a few years ago, and is growing almost, if not quite, as rapidly. Those who are interested in the perplexing problems of co-education and of the Columbia and Harvard compromises with it, await with eager attention the solution which the University authorities will offer, if the present increase goes on, to the practical problem of how to provide a proper system of instruction for a large women's college when all the teachers have to be drawn from the staff of a men's college. When Barnard is as large as Columbia, in short, can she still use only Columbia instructors, or will it be necessary for her to appoint her own, and, if so, what changes would that involve?

Two important signs of undergraduate and young graduate activity are the erection of a large and beautiful fraternity chapter house on Riverside Drive near the University, and the founding of new

periodical *East and West* by two members of the College Class of 1899. The editors call their venture "a monthly magazine of letters" and throw stress on the fact that the ordinary magazines are pretty mechanical affairs, made to sell, and really a compound of journalism and pictures. They mean to set a higher standard and to serve better the cause of letters. The faults at which the young innovators point are obvious, and their enthusiasms and ideals are laudable. The periodical is not connected with the University in any way, but the University feels a hearty interest in it and regards it generally as a natural outcome of the genuine devotion to letters that is so characteristic of many of the Columbia undergraduates.

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THE long looked for extension of the Dormitories has begun by the erection of an addition at the Pennsylvania. cost of \$200,000. The

present Dormitories have proved so successful that the University is desirous of completing the whole triangle at an early date. The central feature of the new extension will be the War Memorial Tower. The new Law School building, Chestnut and 34th street, which is now being built at the cost of some \$300,000, will be dedicated in February, 1900. During the summer a new Pathological laboratory has been added to the Laboratory of Hygiene, and equipped with the most approved apparatus. The Vivarium is also completed, and will furnish exceptional facilities for the study of Zoology. The Faculty Club has moved into a new building, and greatly enlarged the accommodations for members of the University Faculty and for the faculties of neighboring institutions. A Lectureship in Christian Ethics has been established through the beneficence of Rev. George Dana Boardman, of the Board of Trustees.

An important change has been made in the regulations governing the Harrison

Scholarships and Fellowships, in that hereafter the Scholarships will be open to all Baccalaureate graduates of the University, and will not be confined, as heretofore, to Bachelors of Arts alone; and the Fellowships will be open to holders of any baccalaureate degree. These are concessions that will be welcomed to students holding technical degrees.

At last the long mooted question of the date of the founding of the University of Pennsylvania has been definitely settled, so far as the University authorities are concerned. Judge Samuel W. Pennypacker, of the Corporation, has presented the facts of the case in the form of an argument before a committee of judges selected from the corporation. The decision of this committee was in favor of the date 1740. It now seems highly desirable that all persons having occasion to make use of the date of the University should recognize the decision of this judicial procedure, the details of which are appearing in the October number of the University *Bulletin* under the title "The Origin of the University of Pennsylvania; Brief of Argument." June 3, 1899. Before Mr. Charles C. Harrison, Provost, Mr. J. Vaughan, Mr. Samuel Dixon, Rt. Rev. Ozi W. Whitaker, D.D., and Mr. John C. Sims, Committee upon the University.

Dr. Horace Howard Furness has received the degree of LL.D. from the University of Cambridge, England.

Professor George F. Barker has been made a member of the Royal Institution of Great Britain.

Dr. John Marshall, Dean of the Medical Faculty, has received the degree of LL.D. from Pennsylvania College, Gettysburg, Pa.

Professor Hampton L. Carson received the degree of LL.D. from Lafayette College.

Dr. H. W. F. Lorenz has been appointed Instructor of Organic Chemistry and Dr. W. L. Hardin Instructor of Chemistry.

Dr. C. W. Prettyman, Senior Fellow in Germanics has been elected Instructor of German in Dickinson College.

Dr. Martin Schütze, Senior Fellow in Germanics, is offering a new course of lectures on the *Contemporaneous German Drama*.

The University lost during the vacation one of its best known scholars in the death of Professor D. C. Brinton, the American linguist and archæologist.

Professor M. D. Learned was recently elected President of the Nationaler Deutsch Amerikanischer Lehrerbund, which holds its next "Lehrertag" in Philadelphia.

Among the recent issues of the *Publications of the University of Pennsylvania* are "Results of Observations with the Zenith Telescope of the Flower Observatory," by Professor Charles L. Doolittle; "Ingratitudo Por Amor. Comedia de Don Guellen de Castro," edited by Professor H. A. Rennert; "The Philadelphia Negro," by Dr. W. E. B. Du Bois, with "A Special Report on Domestic Service," by Isabel Eaton; "Railway Co-operation," by Charles S. Langstroth and Wilson Stiltz, with an Introduction by Martin A. Knapp, chairman of Inter-State Commerce Commission; "On Spinozistic Immortality," by Professor George S. Fullerton.

THE third expedition to Patagonia under the auspices of the Department of Geology and Paleontology has returned to Princeton after a very successful trip. Messrs. J. B. Hatcher and O. A. Peterson, of Princeton University, explored the country lying between the Andes and the Atlantic and between the Santa Cruz river and latitude 42° south, studying its geology and making extensive collections of fossils and specimens of living animals. The three expeditions to Patagonia sent out by Princeton in the last three years have made first a good preliminary geological survey of that

part of South America lying between the Andes on the west and the Atlantic on the east, and between the Straits of Magellan and the forty-seventh parallel of south latitude, sufficient to serve as a basis for a geological map of the region.

Second, very extensive and complete collections of fossils from all the different fossil-bearing horizons known to that region, with the one exception of the Pyrotherium beds.

Third, the discovery of four distinct and previously unreported geological horizons.

Fourth, a collection of more than one thousand skins and skeletons of recent birds and mammals, embracing about a hundred and fifty species of birds and fifty species of mammals and fairly representative of the mammalian and avian life.

Fifth, extensive collections of the freshwater, terrestrial and littoral invertebrate life. Sixth, botanical collections, especially of the masses, hepatic and flowering plants, not including the grasses sedges, to which little attention was given.

Five members of Princeton University accompanied the Peary Relief Expedition in the *Diana* last summer, under the command of Mr. Herbert L. Bridgeman, of the Peary Arctic Club. Professor William Libbey and Dr. A. E. Ortman made deep sea and surface dredgings, eighty in all, and brought home the largest and most complete lot of material ever taken from the Arctic regions. Professor C. F. W. McClure, and Mr. C. F. Silvester and Professor Walter A. Wyckoff shot a large number of walrus, narwhal and many birds, and brought home a valuable supply of material for the study of the Arctic vertebrates, which is now being arranged under Professor McClure's direction in the Biological Laboratory.

Professor Bliss Perry, who has accepted the editorship of the *Atlantic Monthly*, will continue to live in Princeton and attend to his work in the English department until the close of the present aca-

ademic year. He has done valuable service to the University and great regret is expressed at his intended departure.

A special chemical laboratory has just been fitted up for the six new courses offered by Professor Neher to students of the Academic department for the benefit of those preparing to take up medicine or to specialize in chemistry.

Great satisfaction is expressed on all sides at the handsome, appropriate and unified effect produced by four of the buildings recently finished or nearing completion on the campus, all of them in the English collegiate Gothic style, which is the style that will henceforth probably characterize Princeton architecture. To the new Library building and Blair Hall has been added this autumn Stafford Little Hall, the new dormitory; and the walls of Dodge Hall have risen to the second story. Several acres of the back campus have been graded and sodded. A separate hospital building for infectious diseases has been added to the Isabella McCosh Infirmary. Whoever has not visited Princeton for five or six years may now see a new and much more beautiful and harmonious set of structures.

The chair of Politics, to found which \$100,000 was given by an unknown donor recently, is not yet filled. The lectureship on questions of public policy, founded by Mr. Stafford Little, will be filled for this year by ex-president Grover Cleveland. Professor Henry Van Dyke will give his first course of lectures next term.

The Commemoration Day address, on October 21st, will be made by the Hon. Whitelaw Reid.

Three young Princeton men, Howard Crosby Butler, '92, late fellow of Princeton and of the American School of Classical Studies at Rome, R. K. Prentice, '92, instructor in Greek at Princeton, now on leave of absence, and Robert Garrett, '97, have started for the interior of Syria to get photographs of ancient ruins and inscrip-

tions and explore certain regions in the interest of archæology.

Professor James M. Baldwin is spending this term abroad procuring material for the *Dictionary of Philosophical Terms*. Leave of absence for next term has been granted to Professor John H. Westcott, who expects to collate Pliny manuscripts, chiefly in Italy.

Mr. Ernest Carter, '88, has been appointed University organist and lecturer on music.

Dean Winans and Professors West, Westcott and Jesse Carter are preparing works for the series of "Twentieth Century Texts" announced by D. Appleton & Co.

*The Elements of Public Finance*, by Professor Winthrop M. Daniels, was published in August by Henry Holt & Co.

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MRS. STANFORD'S liberal gift of \$11,000,000 to the University which she and her husband Leland Stanford. founded in

memory of their son has made her the largest individual giver to the public in the United States. The *Call*, one of California's largest daily papers, in speaking of the gift says: "It has no equal in any land except that made by the will of the late Baroness de Hirsch, and in history will be even more notable than that, for the Hirsch millions are to be scattered far and wide and will have no great name anywhere, while those of Mrs. Stanford will be centered in an institution destined to become one of the most renowned seats of learning on earth. So marked will be the change produced in the affairs of the University by the gift that something like a new departure in its history will be dated from this time. Mrs. Stanford has followed the example of her husband and bestowed her gift during her lifetime instead of waiting to leave it by will after her death. In doing so she has acted not only wisely, but with a true liberality of

soul. The people of California owe her much and the debt will increase from generation to generation.

Until this year the University was very seriously handicapped on account of lack of seating capacity both in lecture rooms and laboratories. The new buildings which have already been completed have done much to remove the inconvenience in this line. The new art building will meet the needs of the University for many years to come. The library and assembly hall are models in their internal arrangement as well as in external appearance. The Memorial Arch is completed, and the work will now be pushed forward still more rapidly on the Natural Science building and the Chapel. Plans have just been completed for the next large building—that which is to house the departments of History, Economics and English. The internal arrangements of the building will follow plans suggested by the heads of the different departments for which it is being built.

Mrs. Stanford's gift placed at the disposal of President Jordan funds sufficient to carry out the plans which he has had in mind regarding the different departments since the founding of the University. The announcement of a full law course at Stanford has resulted in more than doubling the number of students registering in the Law Department this year as compared with previous years. A similar result has followed the enlargement of the History and English departments. The other twenty-four departments have also an increase in the number of new students.

The library fund has been very greatly increased by the University authorities. Besides the regular amount which has been set aside for new books every year, the registration fees paid by the students, as well as the entire income from the dormitories, will be devoted to that purpose from now on.

The Hon. James D. Phelan, Mayor of

San Francisco, has presented to the Department of Economics a most valuable collection of books in political science, administration, municipal government, and related subjects. This contribution is specially pleasing to the instructors and students in the department as it comes at a time when the work of the department is being broadened very considerably and the number of students increasing rapidly.

Dr. E. Dana Durand, of the Economics Department, has been granted a two years' leave of absence by President Jordan to edit the final report of the United States Industrial Commission, and to collate the vast amount of material which the commission has gathered upon almost every branch of industrial activity in the United States, such as labor, agriculture, manufactures, trusts, etc. The final report will fill some fifteen volumes and will be invaluable as a book of reference.

The latest additions to the University schedule announced by President Jordan are two courses in Sociology by Lester F. Ward, LL.D., of the Smithsonian Institution; one lecture course in Entomology by Professor John H. Comstock, of Cornell; and a course in Nature Study by Mrs. Comstock. Mrs. Comstock enjoys the distinction of being the first woman to be appointed a professor at Cornell, and the first person to be called to a chair of nature study in the United States. Dr. Chas. R. Brown, the brilliant Congregational preacher, of Oakland, Cal., will also give a course of lectures on "The Life of Christ" during the second semester.

The two most noteworthy evening lectures given so far this semester were by President Jordan and Mr. Barrett, United States Minister to Japan. Dr. Jordan took as his subject "Manifest Destiny," and showed in his original way that righteousness and justice are the sole manifest destiny of our nation. Mr. Barrett in his lecture on "The Far East" spoke of the

great possibilities in the development of trade in China and said that he believed it was the will of a Supreme Being that the United States should hold the Philippines. Thus the students of Stanford have had another opportunity to hear both sides of the Philippine question.

During the summer vacation Stanford

University lost one of her staunchest friends by the death of Captain Goodall, of the firm of Goodall, Perkins & Co., San Francisco. Captain Goodall was a warm personal friend of the founder of the University, and was chosen by him as one of the original trustees of the institution.

### Notes and Announcements.\*

*Richard Carvel* is now in its 19th edition or two hundredth thousand.

GINN & COMPANY have nearly ready *Old English Idylls*, by Professor John Lesslie Hall of the College of William and Mary.

HOUGHTON, MIFFLIN & CO. announce *The Martyr's Idyl and Shorter Poems* by Louise Imogen Guiney.

*Wild Eden*, a new volume of verse from Prof. George E. Woodberry, is to be issued by The Macmillan Co.

A REVISED edition of Dr. Richard G. Moulton's *Literary Study of the Bible* has just been issue by D. C. Heath & Co.

E. P. DUTTON & Co. announce a Memoir of Bishop John Selwyn, by F. D. How, and a Memoir of William F. Moulton, by W. Fiddian Moulton.

Mr. W. J. STILLMAN'S Autobiography, which Houghton, Mifflin & Co. will undertake, will partly appear in the *Atlantic Monthly*.

REV. OTTO J. GILBERT, A.M., of Cincinnati, Ohio, is translating into English *F. Oehninger's Geschichte des Christentums in seinem Gang durch die Jahrhunderte*.

\* Publishers are requested to note that all literary announcements should be in the editor's hands not later than the 16th of the month. The subscription list of BOOK REVIEWS is one of 10,000 names. It circulates chiefly among the educational and professional classes and members of the book trade.

*Scotland's Ruined Abbeys* is the title and subject of a handsomely illustrated book by Howard Crosby Butler, which The Macmillan Company have just published.

D. C. HEATH & Co., Publishers, Boston have just issued *Ertes deutsches Schulbuch*, by Dr. Robert Nix, Supervisor of German in the Public Schools of Indianapolis, Indiana.

J. P. LIPPINCOTT CO. will issue this fall *Much Ado about Nothing* in Dr. Horace Howard Furness's Variorum Edition; and *A Text-Book of Graphic Shorthand*, an adaptation of Gabelsberger, by C. R. Lippmann.

*Pictures and Poems by Dante Gabriel Rossetti*, compiled with an introduction by Fitz Roy Carrington, and *The Worldly Wisdom of Chesterfield*, gathered by W. L. Sheppard, are to be issued by R. H. Russell.

HENRY HOLT & Co. will publish immediately Prof. Macvane's translation of Seignobos's *Political History of Europe, 1814-1896*, and *Standard English Poems*, for the classroom, compiled by Henry S. Pancoast.

MR. AUGUSTUS THOMAS is making a dramatic version of Winston Churchill's *Richard Carvel*. Mr. Charles Frohman has secured the dramatic rights to the novel.



ANOTHER volume of the exquisite series on *Mediæval Towns* has appeared. (The Macmillan Company.) This latest edition has to do with *Toledo*. The text is by Hannah Lynch; the illustrations by Helen James. Both text and illustrations do honor to the most picturesque old city in Spain.

HARPER & BROS. have just ready *The Tragedy of Dreyfus*, G. W. Steevens's account of the court martial at Rennes; *The New-Born Cuba*, by Franklin Matthews; *Hawaiian America*, by Casper Whitney; and the fourth volume of James Ford Rhodes's *History of the United States*, to the second election of Lincoln.

A NEW and cheaper edition of *The Letters of Elizabeth Barrett Browning*, edited, with biographical additions, by Frederic G. Kenyon, is published in one volume by The Macmillan Company.

The same firm announce a new and cheaper edition of Justin McCarthy's *Life of William Ewart Gladstone*.

HAVING written the *Life of Steele* and having, as Dr. Richard Garnett says, in the August number of the *London Bookman*, admirably annotated the *Spectator* and the *Tatler*, Mr. George A. Aitken is now engaged upon a new edition of Swift's *Journal to Stella*, of which no properly annotated edition exists.

COPIES of Venable's Narrative of the Hispaniola-Jamaica Expedition of 1655 have recently been found in England. They throw new light upon that business, whence dates England's possession of Jamaica. Mr. Charles Harding Firth is going to print them as an Appendix to Volume III. of the Clarke Papers.

MESSRS. SMALL, MAYNARD & CO.'s autumn announcements include *The Future of the American Negro*, by Booker T. Washington; a volume of *Pictures and Verses*, by Oliver Herford; *Mr. Dooley; In the Hearts of His Country*, by Mr. Dunne, and volumes of poems, by Father Tabb, Richard Burton, Richard Hovey and E. H. Crosby.

BROWN & COMPANY, Boston, will publish immediately *Ralph Waldo Emerson*, by Edward Everett Hale, with two early

essays of Emerson's on the Character of Socrates and the Present State of Ethical Philosophy; *Birds of the Poets*, an English and American anthology, compiled by Lucy F. Sanderson; and *Song Blessings*, verse by Julia Anna Walcott.

*My Lady and Allan Darke* is the title of another romance of the end of the last century just published by The Macmillan Company. The author is Mr. Charles Donnel Gibson and in this his first venture he is said to have written an unusually stirring story. Two large editions of this book were disposed of before publication.

FURTHER issues from the press of Doubleday & McClure Co. are to be a translation of Edmond Rostand's early play, *The Romancers*, translated by Miss Mary Hendee; *The True Bases of Economics*, by J. H. Stallard; *Tales of the Telegraph*, by Capt. Jasper Ewing Brady; and *Stories of the Railroad*, by John Alexander Hill.

MESSRS. HENRY HOLT & CO. announce for immediate publication a very important historical work, Seignobos's *Political History of Europe, 1814-96*. The editor of the translation, Prof. MacVane of Harvard, has added to and strengthened the chapters on England, and otherwise edited the book for American students, and added many titles in the bibliographies and an index.

ALL lovers of animals will welcome two new books from The Macmillan Company. *Diomed*, the story of a dog, and *Jess*, the story of a horse, as they might be briefly described. Both books show an intimate knowledge of the ways and habits of animals, and have in addition the narrative charm which makes books of this kind appeal to the heart of the reader as well as live in his imagination. 4

MR. HAMILTON W. MABIE has written an introduction to Clifton Johnson's *Among English Hedgerows*. The work comes from the press of The Macmillan Company. It is illustrated with beautiful reproductions from photographs taken by the author. Mr. Johnson started on his walking tour in the first open month for the country in England—April. He wandered wherever the picturesque side of human life attracted him.

THE MACMILLAN COMPANY are the publishers of Mr. Clement Scott's reminiscences of the theater as reviewed by him for so many years in the columns of the *Daily Telegraph* of London. A record and review of the histrionic career of Sir Henry Irving, with about fifty illustrations and portraits, is being prepared for the same firm by Mr. Charles Hiatt, and will have a timely appearance when Sir Henry visits New York in November.

REPRODUCTIONS of the famous Droe-shout portrait of Shakespeare and of pages from *Macbeth* and *Romeo and Juliet* from the First Folio will be features of the edition of *Macbeth* edited and provided with questions for study by Professor L. A. Sherman, of the University of Nebraska. This volume will appear immediately in Messrs. Henry Holt & Co.'s *English Readings*, and be closely followed by one of *Prose Selections from Landor*. Edited by A. G. Newcomer, of Stanford University.

MISS BEULAH MARIE DIX's new book *Soldier Rigdale* has just been published by The Macmillan Company. It will be remembered that Miss Dix's first book *Hugh Gwyeth* was written during her last year at Radcliffe and has since run through five editions. A rather remarkable record for the work of so young a woman. *Soldier Rigdale* is a story of the Mayflower and the settlement at New Plymouth. It is illustrated throughout by Reginald Birch.

THE 1898 volume of the *American Art Annual* having been published late in the season it has been found advisable to issue only a pamphlet supplement (price 25 cents) which will be published in November by The Macmillan Company. This will contain a diary with dates of the principal exhibitions, meetings of art societies, etc., for the season 1899-1900, a list of important sales of the season of 1898-1899 and other matter to bring the work up-to-date.

IN *More Pot-Pourri from a Survey Garden*, Mrs. C. W. Earle has given us a continuation to her first *Pot-Pourri*, and, like the former book, this one breathes the same air of a quiet life moving among books and flowers. The author chats with a charming sentiment of her recollections, her garden lore, her criticism, and her

hobbies. Those who have enjoyed *Elizabeth and her German Garden* and *A Solitary Summer* will find this new book by Mrs. Earle one which will claim a place on the shelf beside them.

AMONG some two hundred curious illustrations for her new book on *Child Life in Colonial Days* [The Macmillan Company], Mrs. Alice Morse Earle has collected a series of about thirty miniatures of children. The quaintest groups imaginable are some of them. As in her *Home Life in Colonial Days* so in this new book, Mrs. Earle has brought together a large collection of material gathered from the presses and garrets, the picture galleries, and heirlooms of old families who have kept together during the past two hundred years.

DR. HENRY VAN DYKE writes for the October number of *Birdlore*, (The Macmillan Company), a poem wherein the rhythm and spirit of the songs of the robin, bluebird, Maryland yellow-throat, and thrasher are very happily expressed. In the same issue a granddaughter of Audubon tells the history of the family seal. Dr. J. A. Allen contributes a paper on the *American Ornithologists' Union*, which is accompanied by a photograph showing the leading ornithologists of America, and there is an interesting discussion on the ethics of caging birds.

AN interesting work on constitutional development during the past century has been written by Edmund H. Sears, Principal of Mary Institute, St. Louis. Its title is *An Outline of Political Growth in the Nineteenth Century*. The author has attempted to trace the history of every country in the world which has had a constitutional development, or experienced political changes during the present century. Each country is treated separately instead of contemporaneously and the treatment is based upon a fair consideration of all the leading events that have contributed to national development. The Macmillan Company will publish it immediately.

LONGMANS, GREEN & Co. announce *The River War*, an account of the recovery of the Sudan, by Winston Spencer Churchill, in two volumes, with numerous

maps and illustrations; *The Redemption of Egypt*, by W. Basal Warsfold; *Peaks and Pines* another Norway book, by J. A. Lees; *The Homeric Hymns*, translated, with critical introductions, by Andrew Lang, who also produces *The Red Book of Animal Stories*; *The English Radicals*, an historical sketch, by C. B. Roylance Kent; *Mr. Blackburn's Games at Chess*, edited by P. Anderson Graham; and *A Farmer's Year*: Being his Commonplace Book for 1898, by H. Rider Haggard.

*Via Crucis*, Mr. Marion Crawford's new novel, is just announced by the Macmillan Company. Mr. Crawford has brought the wealth of his knowledge of mediæval history to bear on this story. His main object has been to bring a primitive Christian character into sudden contact with the enormous contrasts of the Middle Ages with the splendor of the great French and German Barons, the abject misery of the poor of that age, and to oppose his simple convictions to the complicated temptations of a world of which he had not dreamt, and to bring out triumphant the moral simplicity which underlies the highest humanity of all ages.

AN important autobiographical work that has a certain general as well as particular interest is in press for immediate publication by The Macmillan Company. It is the *Reminiscences of the Right Rev. Henry Benjamin Whipple*, the Episcopal Bishop of Minnesota. The Bishop's work among the Western Indians, particularly at Faribault, is well known. The author tells many good stories of famous men he knew—Gladstone, Wilberforce, Sherman, Lincoln, Tait, and the Franco-American dentist, the genial Dr. Evans. The volume will have interesting illustrations, including a portrait of the author, together with many Indian scenes of the Bishop's work.

SHORTLY to be issued by J. B. Lippincott Co. are *Bohemian Paris of To-day*, by W. C. Morrow, with illustration by Édouard Cucuel: *Salons Colonial and Republican*, by Miss Anne H. Wharton; *The True William Penn*, by Sydney George Fisher; *Myths and Legends of Our New Possessions*, by Charles M. Skinner; Dr. Furness's Variorum Edition of *Much Ado*

*about Nothing*; *Popular British Ballads, Ancient and Modern*, chosen by R. Brimley Johnson; *Homes and Haunts of the Pilgrim Fathers*, by Alexander Mackenel, D.D.; *A Manual of Coaching*, by Fairman Rogers, illustrated; and *The Life of Prince Otto von Bismarck*, by Frank Preston Stearns.

SPEAKING of Canon Rawnsley's *Literary Associations of the English Lakes*, the *Outlook* says that they "were such thoroughly enjoyable volumes that his *Life and Nature at the English Lakes* is sure to have a specially wide and warm reception. No one can have ever visited the English Lakes, with all their glamour of exquisite natural beauty joined to memories of great and good men who have lived there, without becoming in some degree a lover of those lakes. He will, therefore, by means of Canon Rawnsley's new book, not object to wanderings through Skiddaw Forest, to Skiddaw Top, by Greta Side, or over Loughrigg. The book was written, and will be read, *con amore*."

*Romances of Roguery* is the title of a volume by Frank Wadleigh Chandler, which fills a place in English literature hitherto inadequately occupied, and is said to be the most thorough account of the picaresque novel in any language. It is a historical and descriptive account of the picaresque novel of Spain and its translations and adaptations in other languages, dealing with its whole range of subject and incident, the social state of Spain out of which it came, and including summaries and criticisms of several hitherto undescribed examples of much rarity, with a very full bibliography of the literature of the rogue of Spain. The Macmillan Company publish it in their *Columbia University Studies in Literature*.

THE Bowen Merrill Company announce for early publication a story of the Civil War entitled *The Legionaries* by Henry Scott Clark, which is the pseudonym, we understand, of a prominent Indiana jurist. As a child the author remembers how Morgan's raiders terrorized Indiana in 1863, and the story has grown largely out of neighborhood tales of "when Morgan crossed the Ohio." The "Legionaries" is the name which Governor Morton gave

to the home guard organized to repel or to capture the raiders, but the "Legionaries" figure less in the story than does Morgan's famous cavalry. It is said to be a narrative of historic value and interest as well as an exciting story of the events and war feeling in a region too often slighted by historians of the Civil war.

*A Life of Thackeray*, in two volumes, with numerous illustrations, by Lewis Melville, is the most catching entry in the fall announcements of Herbert S. Stone & Co., Chicago. Others are a *Life of Sir Arthur Sullivan*, by Arthur Lawrence; *Some Players*, by Amy Leslie; *Henry Irving*—Ellen Terry, a book of portraits, by Gordon Craig; *Famous Ladies of the English Court*, illustrated, by Mrs. Aubrey Richardson; *The Indians of To Day*, by George Bird Grinnell; *The Greatest American Orations*, edited by Alonzo Beach Gower; *A Modern Reader and Speaker*, by George Riddle; *Fables in Slang*, by George Ade; *The Human Interest*, a study in incompatibilities, by Violet Hunt; and *The Religion of Tomorrow*, by the Rev. Frank Crane.

FRANCES P. HARPER's fall announcements include number three of the "American Explorers" series, *On the Trail of a Spanish Pioneer*, being the diary of Francisco Garces, missionary priest, in his travels through Sonora, Arizona and California, 1775-76, now first translated and carefully edited, with plates and maps, by Dr. Elliott Coues; *Essays in Librarianship and Bibliography*, by Dr. Richard Garnett; Cennino Cennini's *Art of the Old Masters*, newly translated by Christina J. Herringham; a new edition of Cripps's *Old English Plate*, revised and enlarged; *Good Citizenship*, twenty-one essays edited by the Rev. J. E. Hand and Canon Gore; *Naval Yarns of Sea-Fights, Wrecks, Etc.*, collected and edited by W. H. Long; and *A Cockney in Arcadia*, by Harry A. Spurr.

*The Life of Cromwell* that Theodore Roosevelt is preparing for Scribner's Magazine will run through six numbers of the periodical next year. It will be illustrated by F. C. Yohn, E. C. Peixotto, Henry McCarter, and other well-known artists. There will also be many rare portraits, relics, and other valuable matter. It may be re-

called that the first installment of Mr. John Morley's *Oliver Cromwell* will appear in the November Century. Mr. Roosevelt's work will be the third book on Cromwell to appear in 1898 or 1899. The first one was the elaborate biography by Samuel Rawson Gardiner. This work, which Charles Scribner's Sons are publishing, contains a facsimile frontispiece in colors, twenty nine full-page illustrations, and twelve smaller ones, including various authentic portraits of the Protector himself and of members of his family.

*Greek Terracotta Statuettes* is the title of a handsomely illustrated monograph by C. A. Hutton which The Macmillan Company will publish immediately. Mr. A. G. Murray, keeper of the Department of Greek and Roman Antiquities in the British Museum, has written a preface. Greek Terracotta Statuettes have a double charm, archæological and æsthetic, the one appealing to a rather restricted class of students, the other to a much wider public. So far, except in France, Greek statuettes have been chiefly treated from the archæological standpoint, but the present publication is addressed to that wider public which though not repelled by their archæological interest is mainly attracted by their æsthetic charm. Eight of the illustrations are large full-page reproductions in color of typical figures, while there are thirty-five figures represented in monochrome.

DODD, MEAD & Co.'s list includes the sixth volume of James Schouler's *History of the United States Constitution*, dealing with the civil war; *Imperial India*, by G. W. Stevens; *Life and Letters of Dr. John Donne*, by Edmund Gosse; *Romance of King Ludwig II. of Bavaria*, by Frances A. Gerard; *Reminiscences of the Life of Edward P. Roe*, by his sister; *Iconografia Dantesca*, by Ludwig Volkmann, fully illustrated; *Old New York on Staffordshire Pottery*, by R. F. Halsey; *Poems of Cabin and Field*, by Paul Laurence Dunbar; *Ballads of Books*, by Prof. Brander Matthews; *Gray Stone and Porphyry*, poems by Prof. Harry Thurston Peck, and, by the same author, *What is Good English, and Other Essays*; *New Letters of Hazlett and Charles Lamb*, by W. Carew Hazlett; Austin Dobson's *Life of Goldsmith*; and *A Lookeron in London*, by Mary H. Krout.

*A History of England for High Schools and Academies* has been written by Professors Katharine Coman and Elizabeth K. Kendall, of Wellesley College, and is published by The Macmillan Company. The authors have kept in view the history requirement recently adopted by several leading colleges and universities, and their chief aim has been to emphasize the physical environment afforded by the British Isles, the race traits of the peoples that have occupied the land, the methods by which they have wrought out industrial prosperity and the measures by which they have attained self-government, all of which are essential to an adequate understanding of the growth of the English nation. Within the limits imposed by text-book dimensions, they have endeavored to bring out these phases of the national life. Maps, depicting every important geographical change add much to the practical value of the book.

FROM The Macmillan Company, New York, we have received five volumes of the beautiful little Temple Classics, including *Hesperides; The Works, Both Human and Divine, of Robert Herrick*, in two volumes; *Thoughts of Divines and Philosophers*, by Basil Montagu; *The Sonnets of William Wordsworth and the Life and Death of Thomas Woolsey*, by George Cavendish. These little classics are edited by Israel Gollancz, M.A. (Price, 50 cents the volume.) They are of a size to be handily slipped into one's pocket; the print is clear, the flexible binding good and the frontispiece portraits excellent. From the same publishers we note Vols. VI. and VII. of The Eversley Edition of *The Works of William Shakespeare*, which is to be completed in ten volumes, under the able editorship of C. H. Herford, Litt.D., Professor of English Language and Literature in the University Colleges of Wales, Aberystwyth.

THE second and concluding volume of Mr. Thomas E. Watson's *Story of France* will be published this month. It will be devoted to the revolution that is to say, to the period between the death of Louis XV. and the Consulate of Napoleon Buonaparte. Speaking of Volume I. which appeared in the spring, Henry M. Baird says, in *Literature*: "He has given us a highly interesting book upon one of the

most fascinating themes of history. *The Story of France* is the fruit of great research, and is conscientious and thoroughly readable presentation of a great theme." "His style" George Cary Eggleston says "is terse, simple and direct. In narration he is rapid and graphic. His diction is strong, and his presentation of events and of social conditions is always picturesque and often dramatic. He has wit, humor and much of that rhetorical fervor which in oral utterance we call eloquence."

SPEAKING of the Rev. Jenkin Lloyd Jones' book *Jess*, which the author also calls *Bits of Wayside Gospel, The Outlook* for September 23d, says in its review "that it is a book which will refresh and inspirit any reader," and they "earnestly and heartily recommend every one who loves nature, but especially everyone who loves the uplands of the spirit to read the book. Amidst the rush and turmoil of this end of the century it is a pity that time has not been found, by the few who can do such work, for the writings of more volumes of this character." *Jess* is a saddle horse, and out of that horse's service its master extracts the kind of sermons and genial philosophy in which an exquisite sympathy between the horse and its rider, the charm of the landscape, and a broadening of the religious spirit of man are blended.

The Rev. Lloyd Jones is the editor of the Chicago *Unity*, and his book is published by The Macmillan Company.

THE MACMILLAN COMPANY have just published *Topics of United States History* by John G. Allen, Ph.D., Principle of the High School, Rochester, N. Y. The book is designed to accompany any good text book and aid in the selection of courses. It begins with a suggested working library for teachers, followed by a series of introductions on the use of the topical method, with sources, suggestions to teachers, the desired result, how to study, the recitation, talks to create interest, and memory lessons. Then follow the systematically arranged topical studies from pre Columbian times to the present. This is accompanied by a series of illustrative, marginal references to sources, and other material, serving as a guide to useful reading for boys and girls, and as

a bibliography for teachers. Other noticeable features of the book are that it shows the close connection which geography and civil government sustain to history, the intimate relations existing between our country and other nations, and important national events concurrent with European history.

RICHARD G. BADGER & CO., Boston, promise shortly, *From Yauco to Las Marias*, a story of the campaign in western Porto Rico by the Independent Regular Brigade under Brigadier-General Schwan, told by Private Karl Stephen Herrmann; *The Sicilian Idylls of Theocritus*, translated into English lyric measure by Marion Mills Miller; *Julia Marlowe*, by John D. Barry, Volume I. in the *Sock and Buskin Biographies*; *French Portraits*, appreciations of latter day French writers by Vance Thompson; *Old Mudame and Other Tragedies*, by Harriet Prescott Spofford; *The House of the Sorcerer*, a story of negro life, by Haldane McFall, stepson of Mrs. Sarah Grand, author of the *Heavenly Twins*; *Pepys's Ghost*, by Edwin Emerson, Jr.; *Camp Arcady*, by Floy Campell; *Vassar Stories*, the Century's prize story, by Miss Grace Margaret Gallaher; *The Price of Blood*, an extravaganza, written and illustrated by Howard Pyle; *The Fairy Spinning Wheel*, from the French of Catulle Mendès; *The Sirens Three*, by Walter Crane; and *Illustrated Ditties of the Olden Time*, a reprint.

*Wabeno, the Magician* is the title of Mrs. Mabel Osgood Wright's sequel to *Tommy Anne and the Three Hearts* (Macmillan). It is a quaint story of child-life with Nature, interwoven with Indian legends, for its setting. Tommy is a boy of four, Anne (no longer called Tommy-Anne) twelve, while Waddles is supplemented by a new dog, a St. Bernard pup, Lumberlegs by name.

Wabeno, the Magician, the spirit of wild nature, the answer to unanswerable questions, is an Indian equivalent of the god Pan.

The titles of the fourteen chapters are: The Dream Fox, One Very Cold Day, Dr. Anne, The Signal, The Man of the Moon, what the Coal Said to the Kindling Wood, Keoshk, the Sea Gull, The Planting Moon, The Story of Bek-Wuk the Arrow, The Widdow Dog, Amoe the

Honey Bee, The Village in the Pond, The Shedding Dance, Wabeno's gift. The book is charmingly illustrated by Mr. Joseph M. Gleeson.

*The Impression of Spain* of James Russell Lowell edited by Joseph B. Gilder, with an introduction by A. A. Adey, have been gathered from his dispatches to the State Department while Minister. The book will be published by the Putnams, along with the second volume of Blok's *History of the Netherlands*; *Bismarck and the New German Empire*, by J. W. Headlam; *Charlemagne, the Hero of two Nations*, by H. W. Carless Davis; *Roman Life under the Caesars*, by Émile Thomas; *Alexander the Great*, by Prof. Benjamin Ide Wheeler; *Theodore Besa, the Counsellor of the French Reformation*, by Prof. Henry Martyn Baird; *Rupert, Prince Palatine*, by Eva Scott; *Browning, Poet and Man*, by Elizabeth Luther Cary; *The Troubadours at Home*, by Prof. Justin H. Smith, in two volumes, illustrated; *A Prisoner of the Khaleefa*, by Charles Neufeld; *The Wheat Problem*, by Sir William Crookes; *Principles of Public Speaking*, by Prof. Guy Carleton Lee; *Life beyond Death*, by the Rev. Minot J. Savage; and *Bluebeard*, a contribution to history and folk lore, by Thomas Wilson, LL.D., one of the curators of the United States National Museum.

THE MACMILLAN COMPANY will publish this fall the third volume of Professor Albert Bushnell Hart's *American History Told by Contemporaries*. It will cover the period of National Expansion, 1783-1845. The final volume of the series will be *Welding the Nation*. Like its predecessors, the present volume will have an apparatus of bibliography and introductory matter, a brief characterization of the writers, and a thorough index. Another volume to appear shortly from the pen of the same author is *Colonial Children*, the first volume of a series of *Source Readers of American History*. This volume is intended for children, and the extracts illustrate many entertaining facts of colonial life and customs, as well as some of the most interesting episodes of colonial history. The extracts are rewritten in modern form, so as to offer no puzzles of grammar or spelling, but preserve the racy and often humorous flavor of the old

writers. Special pains has been taken to select extracts which will set forth the amusements, pursuits and interests of children, both white and Indian. Difficult points are explained in brief introductions and side notes.

PROFESSOR EDWIN HERBERT LEWIS follows up his *First Book in Writing English* and his *Introduction to the Study of Literature* with a series of *Manuals of English Composition*, the first of which is just out (Macmillan). It differs from most similar books in several respects. It teaches sentence analysis as merely a means by which the student may name what he has instinctively written; thus, it presents in an organic way all the grammar needed in the eighth and ninth grades. It aims to secure spontaneity by a series of very short first drafts, in which the student need consider no detail of sentence structure or punctuation. It aims to secure some degree of care by a system of revision, by which the student examines previous compositions. Thus the student is benefited by becoming his own critic, and the instructor is saved a large part of the fruitless labor of marginal corrections. The book consists of 170 exercises, each short enough for a daily task. The literary illustrations from which the student reaches inductions are the residuum of a winning process performed by students themselves. The First Manual can be used with younger students than those for whom the author's *First Book in Writing English* was designed, or with students of the same age.

IN an editorial on "The Temper of Time" the New York *Tribune* of October 8th takes as its text Mr. Egerton Castle's new novel *Young April*, in which to quote the *Tribune*, "the whole trend of the narrative is towards the apotheosis of youth. Its appearance throws a suggestive light on the broad tendency of contemporary life. The century is old; it is dying. But man was never younger. He is younger because he is lighter of heart, more ready to whistle misfortune down the wind. Whether he is wiser or not we leave for the pundits to decide. What is unmistakable is his love of a good time. It is said, of course, that this is a callous and frivolous generation whose empty laugh conceals a vacant mind, capable at most of a rather weak kneed pessimism.

But if this is so why are books like *Young April* published and read." The spirit of abandon in *Young April* which has prompted the *Tribune's* editorial, was to be expected from Mr. Castle's previous work in *The Pride of Jennico*, which ran through so many editions last year. The demand for *Young April* in advance of its publication caused some delay in its issue as the publishers had to change their plans and double the size of the first edition. The book was thus practically in its third edition within a week of publication.

THERE has recently been some discussion in England, in connection with books of the past year, about the correct principles of biography. Abraham Lincoln would never read biographies, fond as he was of reading and of information about human character, because, as he explained to his law partner, the heroes were so conventionalized that they were all alike. In the life of Lincoln which The Macmillan Company have just published this apologetic and white-washing attitude is absent. The author, Norman Hapgood, was brought up near Lincoln's own home, and he dwells with as much satisfaction in the rough but sterling sides of the great President's character, as he does in the more obviously heroic aspects. It will be interesting to see if this is the real life that we have been waiting for.

We hear a great deal about "the machine" these days, and a large class of persons look with some contempt on strict party men and also on all political trickery. These critics seldom refer to the fact that Abraham Lincoln was probably the ablest political manipulator of his time. His ability to use party tools for big ends, and also the amount he did for "harmony" are very fully explained by Mr. Hapgood, who, although an intense admirer of the President, seems to rejoice in sides of him that other biographers disguise. Mr. Hapgood thinks he is all the greater man for being able to do what Bulwer's Richelieu said he did; when the lion's skin proved too short he eked it out with the fox's.

SHOULD a university accept money that comes through a trust or a department store? This is the question around which Margaret Sherwood has constructed her *Little Roars* (young lion), etc., the home life of insects and animals is given in a

novel, *Henry Worthington, Idealist*, recently published by The Macmillan Company. The *Chicago Tribune*, in a long review of the book, says that the "Winthrop where the scene is laid is a thin disguise for Boston. The old university and the great department stores of Winthrop are the features which stand out most clearly in the picture. In the first chapter we are shown Henry Worthington just facing his first class as professor in sociology or political economy, when the department of Science, of which his father is professor, receives a gift of \$500,000 from a Mr. Gordon, the secret proprietor of 'Smith's Department Store.' Then the trouble begins. The son opposes the acceptance of the gift and a shadow falls between him and his father. He speaks to his class, and is expelled from his position on account of his opinions. He thus lives in and studies the slums, sweatshops and department stores, and makes a special study of Gordon's store, where he finds cash girls working for a dollar a week and grown women for \$2.50 or \$3. He meets Gordon's daughter, Annice, who herself has doubts about the way her father's money is made. The result may be surmised." The *Chicago Tribune* says "the novel is a strong one, apart from the sensational problems it contains," and that "it is pretty sure to be read and talked of, especially in educational circles, and it will arouse wide discussion."

*Letters from Queer and Other Folk, for Boys and Girls to Answer* is the title of a new and interesting departure in the teaching of English composition, which has just been issued published by The Macmillan Company. Miss Helen M. Cleveland, whose *Vivid Scenes in American History* are well known, is the author. Her new work is in three parts. I. A Manual for Teachers. II. Reader for Grammar Grades. III. Reader for Primary Grades. The series may perhaps be best described as a grammar school course in written expression, especially letter writing. The design is to teach language, *not about language*. There is but one way to do this, and that is to inspire language—to spur the child to express himself. The inspiring material in these books consists of about one hundred social and business letters and notes to be answered. Under the playful names of Little Horns (an ant), familiar way, and in a way to call out re-

plies. These letters, correlating natural history, form a course in natural history aside from their main purpose. For the upper grades there are many business letters, and there is careful drill in business forms. Capitalization, punctuation, directing envelopes and arranging the parts of a letter and put in a section as daily drill work under the heading "Constant Busy Work for All Grades." There is a vocabulary and a list of such synonyms as are in daily use. This book is new but it is not radical. The best teachers are spending many a weary hour searching for the thought inspiring material given here. It is a practical school book from beginning to end.

MR. ZANGWILL'S new collection of *Ghetto Tragedies*, which is published under the title of *They That Walk in Darkness*, covers a wide range of production, for one of the stories was written ten years ago, and the latest has only just been finished. It contains specimens of the realistic story, as well as of the poetic imaginative story. *Satan Mekatrig* is an attempt at a kind of Ghetto Faust, the Mekatrig being the name of the Ghetto idea of the seducing Satan. In *Bethulah* Mr. Zangwill has treated a legend of immaculate conception among the sect of Chasidim, joyous Jewish mystics, who live in the remote villages of the Carpathian mountains. *Noah's Ark* is a story of an attempt to found a Jewish state in America, and has peculiar interest at this present moment of Zionist activity.

Another story that deals with America is entitled *The Land of Promise*, and deals with the troubles of immigrants on reaching this country, and the tragedies that may spring from the American immigration laws. One of the longest stories in the book, *The Keeper of Conscience*, studies East End Jewish life, and the heroine is a board school teacher. In *Transitional*, Mr. Zangwill deals somewhat, as in *Children of the Ghetto*, with the humor and pathos of the development of life away from the Ghetto, as wealth comes with its dubious blessing. Russian life and the persecution of the Jews in that country are vividly pictured in *The Diary of a Meshumad* (Apostate). As in *Dreamers of the Ghetto*, Mr. Zangwill is thus continually changing his scene. Now we are in the wards of the hospital for the incurables in East London, now in the



streets of Jerusalem, while the concluding scene of *They That Walk in Darkness* takes place in the Vatican of Rome, yet all the scenes unite to give a vivid picture of the tragedy and the poetry and the dreams of Israel of to day.

*Pompeii, Its Life and Art*, by August Mau, of the German Archæological Institute in Rome has been translated into English by Francis W. Kelsey, Professor of Latin in the University of Michigan, and will be issued this month by The Macmillan Company. It is illustrated with ten full page photogravures, five full-page plans, and about two hundred half tone illustrations, drawings and plans therein.

For twenty-five years Professor Mau has devoted himself to the study of Pompeii, spending his summers among the ruins and his winters in Rome interpreting the results of the summer's work. His previous writings have been published partly in German, in part, also, in Italian. The present volume, however, is not a translation of a book already published, but an entirely new work, designed to answer the questions which intelligent readers, and visitors at Pompeii, are constantly asking about the remains of the ancient city.

The introduction discusses briefly the situation of Pompeii, its history previous to the year 79, the catastrophe that overwhelmed the city, the excavations which have now been carried on more or less systematically for a hundred and fifty years, and the periods of construction, as revealed by a study of the ruins.

Part I. which comprises about a third of a volume, is devoted to, "Public Places and Buildings"—the Forum, with its temples, market halls and municipal offices; the theaters, baths, and other structures designed for public use.

The houses are described in Part II. and among them are included the more recently excavated "House of the Silver Wedding" and "House of Vettii," as those that have been longer known. The rest of the book treats of "Trades and Occupations" (Part III.), "The Tombs" (Part IV.), and "Art and Culture of the Pompeians" (Part V.).

The illustrations are taken partly from photographs, and partly from drawings; among the latter are a number of restorations of ancient buildings.

"THE Lord loves ordinary looking men," said Abraham Lincoln. "That is why he made so many of them." This off-hand defense of democracy is quoted in the new life of Lincoln by Norman Hapgood, and a number of similar stories, to show the various sides of Lincoln's democracy. In using the sub-title, "The Man of the People," the author shows that this idea of "the first American" is carried throughout the work. This volume is intended to furnish an intimate story of Lincoln's life, and throughout, Lincoln is looked upon as the incarnation of the spirit of democracy. The character of the man, his strong and racy individuality, are kept well in the foreground. The completeness with which he understood the common people is shown to be the basis of his power as a leader in a crisis where ordinary principles were useless. Mr. Hapgood firmly believes in the charm and health of American life, and finds Lincoln the most thorough representative of our national spirit among all the prominent men in our history. This announcement is certainly one to arouse expectation and strong interest in so personal and intimate a treatment of "the first American."

Why is it that Abraham Lincoln's life and character are so peculiarly tempting to the publisher and author? Almost every year sees the attempt to write a biography of him which shall be recognized as the standard life. It is doubtless because, with all the attempts thus far made, none has fulfilled the requirements of a summary, authoritative, and readable life for the intelligent classes.

In his book Norman Hapgood has gone on the assumption that it is better to paint a great man as he is. There is frequently a tendency to put halos on good men, and hoofs and a tale on bad men, which is fatal to real knowledge. This is shown not only in biography, but in current political criticisms, which gives many people the idea that Garfield, for instance, was a mere catalogue of the virtues, and on the other hand that Platt and Croker daily commit the most heinous crimes. Mr. Hapgood's other work has shown a tendency to treat history with more discrimination than this, and if the new life of Lincoln gives an uncolored view of the President and the events of his time, it will fill a need.

## Reviews.

## GENERAL LITERATURE.

*Young April.* By Egerton Castle. With Illustrations by A. B. Wenzell. The Macmillan Company.

Mr. Castle's new book has all the elements which we associate with the narrative of romantic adventure. It moves with unflagging rapidity to its end and it embraces intrigues, duels, quarrels, reconciliations, a score of surprises. Yet the beauty of *Young April*—and in a light, fragile, transient way this is really a beautiful book—springs far less from any of these stirring things than from an atmosphere which seems somehow independent of them all. In his first chapter the author strikes a note of happy youth, of sunny experience, of sweet sentiment, and to that note he is faithful to a degree extremely rare in contemporary fiction. The life of his hero during one short month is caught up in a glamour of love and loveliness, a glamour too perfect to last more than that brief space of time. Mr. Castle contrives to keep it unblemished for the reader by the exercise of an art that is as self-possessed as it is subtle. With nine novelists out of ten the stream of romance into which the young Duke of Rochester is plunged would become saccharine and mawkish almost before the action was begun. Mr. Castle's sentiment never lapses into sentimentality. He flings around his personages a million rose leaves, but all the time there is a fresh, strong breeze blowing across the radiant scene. Youth is set upon a pedestal, but manliness is never forgotten.

We do not need to dwell on the liveliness and quaintness of the plot. Rochester's metamorphosis from the state of a sedate young nobleman on his travels to that of an opera singer's postillion, and his subsequent entrance into the picturesque court of a minor European monarch, are interesting, but these transitions serve only as the machinery for the development of his dreams of passion. Neuberg, his friend, who loves the singer, and Spencer, the friend of them all, whose own heart is long proof against the arts of Cupid, but from whose belated surrender the most tragic phases of the story are all derived, are both men of individuality; but somehow they are also mere subordinates to the idea, the inspiration, which Mr. Castle almost lyrically celebrates. He is ingenious and indefatigable in the production of novel situations, and at the end he leaves the memory not of a story, of a series of adventures, but of a feeling. The book marks, we must add, a distinct advance upon that excellent novel, "The Pride of Jennico." That is so good a piece of work that there is no danger of its being cast quite into the shadow of its successor; but we discern, nevertheless, in *Young April* a greater authority and a more spontaneous, more impera-

tive charm. The style is in keeping with the spirit of the book, being graceful and vivacious, the fitting vehicle for the expression of fleeting sensations, tenderness, gallantry and wit. The aim of the writer would appear to have been to make everything in his book contribute to one rare impression of exquisite romance. Such an impression he unquestionably conveys. He has painted youth in all its chivalry and ideality and has preserved its delicate bloom to the end, only deepening its magical effect by the epilogue in which he touches on its poignant place in the recollections of maturity. One artful omission we may note. The kingdom in which the action is laid is one more of those tiny States which fiction has added to the geographies, but Mr. Castle, with humor, has declined to give it a name.—*New York Tribune.*

*The Races of Europe.* A Sociological Study (the Lowell Institute Lectures). By William Z. Ripley, Ph.D., Assistant Professor of Sociology, Massachusetts Institute of Technology, etc. New York, D. Appleton & Co.

This volume, its author tells us, is the outgrowth of a course of lectures on physical geography and anthropology delivered before the Lowell Institute in 1896. As regards its aim and substance, he represents it as "merely an honest effort to coördinate, illustrate, and interpret the vast mass of original material" collected mainly by European scholars. "An earnest attempt," he says "has been made to bring this abundant store of raw material into some sort of orderly arrangement, and at the same time to render it accessible to future investigators along the same lines." These statements accurately characterize the book, though in disclaiming originality so emphatically Professor Ripley is unjust to himself. Each page bears witness to his independence of thought and observation.

In selecting the ethnology of Europe as the subject of an essay of this kind, Professor Ripley has, it must be admitted, made an ambitious choice. Not only is Europe, as he says, "the continent of all others wherein social phenomena have attained their highest and most complex development," but it is also the one upon whose ethnological problems the greatest amount of learning and ingenuity have been expended. Moreover, the extraordinary abundance and variety of the material which the statistician, the philologist, and the archaeologist have placed at the disposal of the student of European man, vastly enhance the difficulty of his task. To gain a practical mastery of these innumerable data, to draw from them legitimate conclusions, and to harmonize the often conflicting results of the various contributory sciences

demand immense industry and consummate skill; while to pass safely through the whirlpool of contending theories requires a "Delian swimmer" indeed. It is high praise, therefore, to say that from every point of view this volume justifies Professor Ripley in his choice of a theme. It is not only a thoroughly satisfactory guide to the study of the special field which it was designed to cover, but it is also the best book, in English, that can be offered to the layman who desires to obtain a general knowledge of the problems, methods, and tendencies of ethnological science as a whole.

To review a work of such magnitude in detail is, of course, impossible.

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The volume is accompanied by a large number of excellent charts and diagrams and well-selected photographs of local types of the population.—*Critic*.

*The Temperance Problem and Social Reform.*

By Joseph Rowntree and Arthur Sherwell.  
(Thos. Whittaker).

The purpose of this valuable group of studies and compilations is to consider the question of temperance legislation in its relation to the general social problem and to state the comparative condition of England relatively to the past and to other countries both in regard to actual consumption of alcohol and to its effect.

The authors wisely leave questions of physiology aside. It is the economic aspect that interests them, and it is on the ground that the cost of drinking is too great for the social good that they base their plea for legal restriction of the traffic. They begin by stating the present condition. In spite of the growth of the temperance sentiment the *per capita* consumption of liquors, wines and beer have all increased in England since 1840, and the expenditure has increased by nearly a quarter.

The facts gathered here from the experience and experiments of the world are most interesting, and in this arrangement gain a new meaning. This the authors seek to bring home to the student of the subject in a final chapter. The suggestions, which are many and wise, centre around the elimination of private profit from the traffic and the use of the revenues derived from it to create and support public enterprises for social refreshment and recreation, such as trade exhibitions, people's palaces, popular lectures, social clubs, gymnasiums, temperance cafés and the like. The book is furnished with five maps and two photographs, illustrating the fictitious value that the traffic gives to property, and the relations of drunkenness to population. It has also an arsenal of appendixes, from which every speaker may draw the weapon suited to his arm and purpose. In short, it is the kind of book that men interested in temperance work or legislation cannot afford to be without, and Mr. Whittaker has performed a service to the American public in placing it within their convenient reach.—*The Churchman*.

*Bell's Cathedral Series.* The Macmillan Company.

Since our last mention of the progress of *Bell's Cathedral Series* (New York: Macmillan) eight volumes have appeared. These are devoted respectively to Lichfield, the smallest cathedral church in England, with its unequalled group of stone spires; Winchester the largest of them all, and with the loveliest unaltered Romanesque architecture contrasting with sumptuous late Gothic; Norwich, whose charm is all but wholly interior, but with an apse and deambulatory and apsidal chapels which, without and within, surpass anything in the island; Peterborough, with the most vigorous and original, if not quite, as Ruskin thought "the finest west front in England;" Wells complete beyond other episcopal establishments, with lady-chapel, chapter-house, cloisters, bishop's palace, close, gateways, bridge, and old houses of the see, and famous for its ancient sculpture, mocked though it is by formal modern copies; Lincoln, with the earliest pure English Gothic vaulting, and, to many of us, the typical thirteenth-century English cathedral; Durham in its unequalled position of commanding beauty, and holding still to some important adjuncts of porch and chapel, priory and cloister, such as not even Wells can boast; and Southwell Minster, small, quaint, and plain-looking, but full of admirable and perfectly applied detail. These eight books, all "edited by Gleeson White and Edward F. Strange," have been written by eight different authors, with the general result that the volumes are very nearly alike in the arrangement of their material and in the character of their illustrations. They differ widely, however, in the degree of critical acumen shown in the treatment of architectural questions. The value of the set, as the beginning of a truly critical study of English mediæval architecture, is, however, not to be doubted for a moment. The volumes should be read through by every student.—*Nation*.

*The Dutch and Quaker Colonies in America.*

By John Fiske, with 8 Maps, 2 vols. Houghton, Mifflin & Co.

This work, which is one of the most significant portions of Mr. Fiske's American history, is of remarkable importance and probably the most distinctive contribution of this year to historical literature. It comes next in sequence to Mr. Fiske's "Beginnings of New England." It begins with a concise survey of the political and social condition of the Netherlands in the Middle Ages, and points out the remarkable influence exerted by the Netherlands upon England from the fourteenth to the seventeenth century, and traces the rapid growth of Dutch maritime power after 1580. Then follow the voyages of Verrazano and Hudson, the founding of the Dutch West India Company and the earliest Dutch settlements on the Hudson River. Graphic sketches are given of the directors of New Netherland—Van Twiller, Kieft and Stuyvesant. The fortunes of the patroons, the dis-

putes with the men of New England Kieft's terrible war with the Indians, and the struggles of the Dutch colonists for self-government, are described with considerable detail. The second volume contains a description of the city of New York in 1680, an account of the Duke of York's autocratic governors and their administrations, and a brilliant narrative of the Leisler troubles. A sketch of the rise of the Quakers and the early life of William Penn leads to the "holy experiment" of the founding of Pennsylvania. A chapter entitled "The Citadel of America" gives the history of New York as the pivotal province in the great struggle with France, which began with the accession of William III. Sketches of Knickerbocker society and the Quaker commonwealth follow, and the volume ends with an account of the results of the liberal Dutch and Quaker policy in introducing into North America a large population from France, Germany and the north of Ireland. The very interesting story is told with the remarkable clearness and charm which make all of Mr. Fiske's volumes of American history as delightful as they are important.

*The Development of the English Novel.* By Willbur L. Cross. The Macmillan Company.

Students of English literature have long desired to have in their possession a book such as that which Professor Cross has now given us. Only a few months ago we received a letter from a correspondent asking us to give her a bibliography of books relating to the English novel, and in reply we were obliged to say that there was nothing of a comprehensive character that we could recommend. More than that, there was in reality no book whatever which covered the ground that Professor Cross has traversed in the composition of the present work. It is strange indeed that the most popular section of our literature should have been left so long unstudied in these days when every one is reading novels, when the history of literature is so earnestly investigated in both our universities and our more important schools, and when its comparative study has become so prominent a feature of the curriculum. We fancy that the delay in the preparation of such a book as this has been due in part at least to the feeling which half unconsciously still lurks in many minds that fiction is a frivolous thing, that it is all very well as an intellectual amusement, but that it does not deserve to be read and studied with the seriousness that is devoted to other departments of literary effort. This feeling, which is to be found almost exclusively among English-speaking peoples is beginning to disappear, yet it is curious to note the paucity even of essays and short monographs which Professor Cross has been able to discover and refer to in his bibliographical appendix. He is, in fact, restricted to the pedantic old book of Dunlop, and to a chapter or so from Henry James and Stevenson.

It is fortunate that the first book of the kind to appear in English should have been the work of one who not only has a scholarly and exact understanding of the authors whom he treats and of their relation to one another, but who has also a sympathetic appreciation of the literature as literature, with a nice sense of style; and who can himself set forth his criticism in a forcible, informing and attractive way. It is so difficult to cover so much ground without falling into dryness such as characterizes Saintsbury's various books of slipshod erudition, and it is no less difficult to avoid the pitfalls that exist in the temptation to be purely popular. Professor Cross, however, has on the other hand omitted nothing that is essential while at the same time he is interesting to a degree, so that his work may be rightfully compared with that very remarkable *tour de force* of Professor Wells, which appeared last year under the title *A Century of French Fiction*.—*The Commercial Advertiser*.

*The Authority of Criticism and Other Essays.*  
Chas. Scribner's Sons.

Mr. Trent, as a critic, has had experience and success unusual for a man of his years, and there is probably no American writer of thirty-five or thereabouts who shows greater promise in the field of criticism. A Southerner by birth and education, he was early called to the Professorship of History and English in the University of the South. His double duties are highly characteristic of the two trends of his thought and training. He has long been a close student of American history, and his studies have culminated in his important lectures at the University of the South, the University of Wisconsin, and elsewhere: in his volume on "Southern Statesmen"—not to mention his first book, the biography of Simms in the American Men of Letters Series, which was essentially a study of social conditions. On the other hand, he has been an ardent and faithful teacher and student of letters; the editor of the most important literary journal of the South, *The Sewanee Review*; an indefatigable reader, with a mind keenly sensitive to new and old impressions, and constantly reaching out for knowledge and enjoyment in several literatures. These two trends of his thought are well represented by the volumes of his published within the last few months—volumes on which he must have been at work simultaneously—his biography of General Lee, his treatise on John Milton, and this volume of essays.

The essays are rich in suggestion and information. The young professor has grappled with great, or at least time-honored, problems—the authority of criticism the nature and essence of literature, the relation of literature to morals. All men, we think, are dull or futile when they write of such enigmas, which any child can solve but none of the learned; and Mr Trent is no worse than his more famous predecessors. Indeed, we respect his ambition; he has struck

at the very centre of the shield, as the knights of old have handed down the tradition. But nowadays we must leave such academic puzzles to the metaphysicians.

Mr. Trent is much more interesting and much more effective when he writes of Shelley and Byron, of Musset and Tennyson. The feeling of the world has changed with the changing generation, and the feeling of men who are now thirty-five has had few spokesmen. Current criticism is mainly the work of an older generation, and our world is not theirs, but different, and our opinions have yet to be stated. It is Mr. Trent's good fortune to be one of the first to speak for his own generation, and we hope he may find it his vocation to speak for it often—not in the way of tedious and useless speculation, but, as in the essays we mention, by the frank and earnest statement of well-considered opinion, based on careful thought, solid information, and genuine sympathy.—*The Churchman*.

*Landmarks in English Industrial History.* By George Townsend Warner. The Macmillan Company.

There are books embodying the outcome of original research which discuss at length English history from the standpoint of political economy. Among them may be named Thorold Roger's "Work and Wages," Cunningham's "Growth of English History," and Ashley's "Economic History." The first handbook, however, presenting in compact form the data collected and the conclusions reached by the first-hand students of the subject, is the volume entitled *Landmarks in English Industrial History*, by George Townsend Warner (Macmillan). Within the compass of some 350 pages, the author brings out the salient features of England's industrial and commercial progress from the Norman Conquest to our own day. The title is, to some extent, misleading, for economic history is, by its nature, barren of incidents, and relatively destitute of great landmarks. The ordinary reader would be able to mention ten political or constitutional events to one economic event. Economic history is the history of causes, and tendencies, and policies, and most of these act very slowly. The movement is so gradual that it is only when comparison is made over considerable periods that one can be sure that movement is going on at all. Again, economic history is not often influenced by human personality or character; there are none of the flashes of personal interest which biography gives; what dramatic interest it has is not gained from the rapid succession of incidents, or from the varying turns of fortune, but from the slow intensity and resistlessness of the causes which it reveals at work. The author's selection of topics has had to be made from a mass of events, few of which, at first sight, stand out as of much greater importance than the rest. Isolated facts are neglected; attention is fastened upon the links in the long chain of social evolution or of

industrial development, or of commercial policy.—*N. Y. Sun*.

*A History of the New World Called America.* By Edward John Payne. The Clarendon Press.

The second volume of Mr. Payne's monumental work sustains the reputation of the first for originality and painstaking research. It is readable, in spite of its massive accumulation of detail, and will long remain, in all probability, the standard work on its subject. The present volume continues the account of aboriginal America, began in the first, and so completes the second part. It is Mr. Payne's opinion, and we think he amply proves his case, that the new world was originally settled from Asia, with which it was united during the geologic period known as Miocene by a sort of bridge of land, now submerged, connecting Alaska and British Columbia with Kamtchatka and Siberia. He finds traces of a double migration, a paleo-ethnic and neo-ethnic, the former a less developed and somewhat dwarfish race, that was crowded out of existence here, as almost everywhere, by the larger and stronger one, though it has left traces of its presence in every continent, and some of its descendants seem still to survive in the interior regions of South America, as of Africa. \* \* \*

The early part of the present volume is occupied with general considerations on the necessity of military organization in an agricultural state, and on the origin of an industrial class and of the pueblo. Nearly three hundred pages are then given to discussions of ethnology and primitive speech and modes of reckoning—all necessary to Mr. Payne's thesis, but of less interest to most readers. With this foundation he traces the spread of man over both Americas and then treats in most interesting detail the two civilizations that have a history, the Mexican and the Peruvian, concluding that the Mexican, in spite of its cannibalism, was higher intellectually, while in material amenities and in civil organization the Peruvian was the more advanced.

The whole book is sane and stimulating, full of curious interest and of broad scholarship. We trust that the fates may be propitious to the prosecution of the work and that we may soon be able to welcome Mr. Payne's narrative of the stirring days of the Conquistadores.—*The Churchman*.

*L'Art Gothique et la Renaissance en Chypre.* By C. Enlart. Two Volumes. Illustrated. Paris: Ernest Leroux.

M. Enlart, to whom we are already indebted for several important works on the architecture of the Middle Ages, among them, "Origines Françaises de l'Architecture Gothique en Italie" and "Les Origines de l'Architecture Gothique en Espagne et en Portugal," has just published two volumes on the Gothic architecture of the island of Cyprus, which give the results of in-

vestigations undertaken under the auspices of the French Ministry of Public Instruction during the year 1896.

The work is divided into two parts, which treat respectively of the religious architecture and the civil and military architecture of the island in the Middle Ages and the Renaissance.

M. Enhart's wide acquaintance at first hand with the mediæval architecture of nearly all countries, his clear understanding of the principles and characteristic features of its various types, and his technical, as well as scholarly, training, give his works a solid value beyond what is common, and make his publications real contributions to knowledge. The present book is a model of clear and accurate descriptive writing, and its general make up is superb, though suitably plain. The illustrations in the text, which consist mainly of process cuts from the author's own drawings, are admirable examples of architectural delineation, and the few half-tone prints which are included are remarkably clear and fine, while the thirty-four helio type plates from photographs are singularly beautiful examples of work by this process. It is worthy of notice that French book makers do not find the use of highly calendered paper, with its offensive gloss, necessary for the successful printing of process blocks and half-tones. The paper used in this book is of the best quality, having a fine texture on both sides, and being entirely free from gloss.—*Nation*.

*Diomed: The Life, Travels and Observations of a Dog.* By John Sergeant Wise. The Macmillan Company.

Here is a book of delight for every person who cares for dogs, field sports and the subjects usually discussed by full blooded, hearty, healthy sportsmen. The story is told by Diomed, a brilliant setter dog, whose lines were cast in pleasant places, and whose master was and is a crack shot and a most companionable man. It is charmingly told, too, with just the occasional waggishness: becoming a dog's tale. Almost every desirable shooting-ground in our country is visited by Mr. Wise and Diomed—for short called Di—and the sport and the feasting and the attendant incidents are sketched with a lively pen. It is long since we read a book into which were crowded so many interesting field notes and breezy, yet evidently truthful description of men, dogs, guns and game set against a background of wood, marsh, prairie, hillside and old field sedge. Everywhere in these pages there is the peculiarly hospitable and companionable spirit of the Southern sportsman, and many of the chapters deals with shooting in Virginia and other Southern States. But it is not a mere brutal description of slaughter, not a pot-hunter's record; the sketches include much that smacks of gentle life and of what is best in American provincial hospitality, as well as most interesting and instructive matter pertaining to the history and habits of American game birds.

The work is well illustrated, and is of such value that it should find its way at once into every library which admits books on field sports.—*Independent*.

*Cromwell as a Soldier.* By Lieut.-Col. T. S. Baldock, P.S.C., Royal Artillery. Charles Scribner's Sons. With maps.

It was a happy thought not to separate the military career of Cromwell from his political life and his character as a Puritan leader. As he is recognized as one of the great soldiers of history, who made his place by the force of genius after he reached middle age, without military experience or education, an English series of military works would not have been complete without such a memoir. Col. Baldock has done his work well, analyzing with care the qualities which assured Cromwell's success as a soldier, pointing out the positive improvements in the military art of the day by which he proved his originality and clear insight into the problems before him, and bringing out strongly his courage and force as a leader in battle. Viewed in this way, it does not seem to have been through conscious ambition, but by a natural process, that his generalship, proved by success, carried him to the chief command over the heads of Essex and Fairfax, whose subordinate he had been. His preëminence was won, much as Grant's was in our civil war, by the test of hard-fought campaigns, in which his victories marked him for still higher trusts. We are consciously helped in our estimate of other phases of the Protector's character by getting well fixed in mind that his military fame was the honest result of great military genius, which forced its recognition by rivals as well as by the public.—*The Nation*.

*Tropical Colonization.* By Alleyne Ireland. The Macmillan Company.

One of the most important and timely books of the present year is *Tropical Colonization*. "An Introduction to the Study of the Subject." (Macmillan), by Mr. Alleyne Ireland. Although there are a great many books on different colonies, it so happens that there does not exist a single volume in the English language which, from the sum of European experience in the tropics, seeks to lay down the general facts of tropical colonization or to discuss tropical problems as divorced from the affairs of any particular colony or dependency. In all the vast literature, British and continental, which has been written around the subject, there is no book which goes to the heart of the matter and lays down the principles which have been shown by actual practice. It is obvious that such a book at the present moment is of the greatest interest in this country; and one is glad to know that Mr. Ireland's book is one of fact, not one of opinion. The author is an Englishman who has spent about 12 years in the study of the sub-

ject, chiefly on the ground. He has made extensive visits to India, Ceylon, Australia, and other British dependencies in the east, and spent nearly seven years in the West Indies and South America being employed during a considerable portion of the time as an overseer on large plantations.

Beside knowing the subject at first hand in its present day aspects, he has made himself master of its literature and of the statistics relating to it. In this book he discusses chiefly the three essential questions in regard to tropical colonization—how to govern a tropical colony, how to obtain the reliable labor absolutely necessary for the successful development of a tropical colony, and what is the commercial value of a tropical colony. Considering the absence of any other direct study of the principles and facts at the bottom of the matter, and the pressing nature of the problem before us to-day for solution, and the accuracy, fulness, clearness, impartiality and ability of the present work, the conclusion seems unavoidable that future discussions of how we are going to deal with our new colonies will start from this book. It does not follow that we shall adopt the system which Mr. Ireland shows to have been the best devised so far; but the author says, "Here are the facts; look at them, and make up your minds what you are going to do;" and it is the part of wisdom to follow this advice.—*Boston Herald*.

*England in the Age of Wycliffe.* By George Macaulay Trevelyan. London and New York, Longmans, Green & Co.

At the first superficial glance, Mr. Trevelyan's title is to some extent misleading, for it gives the impression that special stress is placed upon Wycliffe and his career. This work is, however, not an account of the famous religious teacher and his times, but a full history of England and her people during the last decades of the fourteenth century. To the prominent part played by Wycliffe during these years, due but only due, recognition is given. Originally the book was prepared by Mr. Trevelyan as "a dissertation sent in to compete for a fellowship at Cambridge;" in its present form, being addressed to the general reading public as well as to the academic world, some technical discussions were for obvious reasons omitted.

These years, from about 1370 to 1385, form in many respects the most interesting period in mediæval English history. As Mr. Trevelyan aptly says, they represent "the meeting point of the mediæval and the modern." In every side of the nation's life this is apparent. Dr. Cunningham has already pointed this out as regards English commercial policy. In religion new and essentially modern ideas were cropping out, and in politics we see in certain claims of the Commons the germs of the later parliamentary system. From the economic standpoint, we perceive the decay of the old manorial system with serfdom and the rise of the free laborer.

By nothing is this transition more marked than by the political machine which John of Gaunt was able to create. "The Duke of Gaunt," Mr. Trevelyan writes, "was at the head of a small but well-organized hierarchy of knaves who made a science of extorting money from the public by a variety of ingenious methods." The Duke and his friends in the Royal Council used their official positions in precisely the same way that the officials of some of our cities use theirs. The existence of a well-organized boss system at that time was much more strange and anomalous than is Tammany Hall in an era where the commercial idea is predominant. It shows that in the days of Edward III. the religious and military ideals of mediævalism were giving way to aims essentially characteristic of modern times.

In nearly all respects Mr. Trevelyan is well adapted for a successful accomplishment of his self-imposed task. To a thorough knowledge of the original authorities is joined the ability to classify and digest the raw facts. And then Mr. Trevelyan has the literary gift so characteristic of his family. His able presentation of the facts and the literary form of his work are fully worthy of the two historians who preceded him. In addition, Mr. Trevelyan's scholarship is the better, just in proportion as our historical methods are better than those of preceding generations. This union of science and art has produced what may be called the best book on English history of recent years. Other books may have added more to our knowledge; but as a history from the broadest standpoint, as a book to be read as well as to be studied, few can challenge comparison with this work of Mr. Trevelyan.—*Political Science Quarterly*.

*Some Principles of Literary Criticism.* By C. T. Winchester. The Macmillan Co.

Professor Winchester has produced a fascinating book which emphatically contradicts his modest suggestion that its matter being first prepared for the college lecture room may "betray by a certain dull, didactic manner" the place of its origin. It is strange, but it is certainly true that there exists nowhere any work which gives such a compendious statement of the essentials of literature and the grounds of critical estimate. Professor Winchester expounds no philosophy of criticism, nor does he attempt to elaborate a critical method. Very few persons will dispute the few fundamental principles that he lays down as essential to sound critical judgments, or deny the qualities which he points out as indispensable by common consent to all writing which deserves to be called literature.

Whether our author is Homer or Browning, Catullus or Burns, Sophocles or Shakespeare, any estimate of his permanent value must rest upon a consideration of four essential elements: Emotion, imagination, thought and form. Furthermore, the writer must often be able to make and to express an historical judgment and must

understand the personal equation of his author. He must be moved by an appreciative sympathy, yet he cannot be an impressionist if he would be a true and helpful guide. As Brunetière (considered by Professor Winchester the ablest of the living critics) says in his "Essays in French Literature:" "Let us admit it with a good grace; let us put something above our tastes; and since there must be criticism, let us say that there can not be any that is not objective."

The first two chapters are elegant discussions of the definitions and limitations of literature, leading to the four-fold classification of critical examination, which is severally treated under these heads in four succeeding chapters. Then follows a chapter on poetry, one on prose, fiction and a summary. The illustrative references for chapters third to eighth are admirable and the index is thorough.

Professor Winchester's book invites to quotation on the one hand, but its sustained merit and even excellence warns against the attempt. It should be read in its entirety and will be found as delightful as helpful a guide and corrective to literary judgment.—*Boston Transcript*.

*Value and Distribution.* An Historical, Critical and Constructive Study in Economic Theory. Adapted for advanced and postgraduate work. By Charles William Macfarlane, Ph.D. Philadelphia, J. B. Lippincott Company.

This work is a valuable contribution to the literature of economic theory. It aims, first, to give a certain unity to recent theoretical statements, by presenting them in a consecutive way; secondly, to trace the evolution of certain recent ideas from classical sources; thirdly, to criticise those ideas; and, finally, to make an independent contribution to them. The central point in the author's study is a recognition of certain "surplus gains" at points where, according to older theories, they have been excluded. \* \* \* In one important respect the author is in advance of many others. In an essential part of his study he has intentionally confined his view to a single industry, instead of including the whole range of industry. It has been the bane of many students of theory that they have not clearly perceived the difference between these two fields of study; for they have supposed they were attaining truths concerning industry as a whole, when their data have been taken from a single specific business or industrial group. \* \* \*

A part of the difference that Dr. Macfarlane perceives between his theory and that of other economists is due to the fact that what are called natural standards of value, wages and interest, are in reality static standards. \* \* \* A clear distinction between static studies and dynamic ones, will settle many controversies. It will bring more nearly into unity what looks like a mass of divergent and irreconcilable thought than anything else that is possible. In revealing the necessity of making this distinction, Dr. Macfarlane's book renders a service that is, perhaps, incidental to

its main purpose. The work will be valued by all who appreciate the importance of clear thinking concerning the laws of distribution.—*Political Science Quarterly*.

*The Autobiography of a Child.* By Hannah Lynch. Dodd, Mead & Co.

How far *The Autobiography of a Child* is the true story of the author's young years we do not know, but it has all the appearance of truth, and a very pitiful tale it is, though told with much skill and insight into child nature. Few, perhaps, remember their childhood so fully as this Irish novelist, but few perhaps have had it impressed on them by more varied and persistent abuse from a mother whom she feared and abhorred and from nuns whom she describes as much nearer sisters of Satan than of Mary. The account of the five convent years at Lysterby should be read by all who have opportunity to check the infection of this cancering educational life. It is a tale of stupid and stupefying ignorance, malice, brutality and of course of sycophancy, meanness and lying, set off by the futile ascetic sanctity of a few and the gluttonous complacency of a few others. Half-starved, stunted in mind and body, frightened with bogey gods, the little children learned at least to endure hardness, but that she who underwent these horrors as a girl should wish to write of them as a woman and be able to write of them so dispassionately is a marvel. We recall no such calm indictment of Roman convent life since Diderot's *Religieuse*. That we know to be fiction. This we are constrained to believe is truth.—*Churchman*.

*Stars and Telescopes.* A Handbook of Popular Astronomy. By David B. Todd. Boston, Little, Brown & Co.

In this volume Professor Todd has gathered together the most important data of the new astronomy in a form intelligible to every reader. The allotment of space to astrophysics is relatively much larger than in previous treatises on astronomy, and this is a feature which will render the volume useful to the student of physics as well as to the student of astronomy. The book is copiously illustrated. There are numerous reproductions of modern star photographs and spectra, together with pictures of the various types of apparatus used in astrophysical work. There is a great range of merit in these illustrations, some of which are extremely satisfactory while others show all the worst features of half-tone reproductions directly from the photograph. The list of references to the original sources with which each chapter closes is an admirable feature.—*Physical Review*.

*A Source Book of American History.* By Albert Bushnell Hart. The Macmillan Co.

Professor Albert Bushnell Hart's *Source Book of American History* is "an attempt to do for the



study of American history what the photographer does for the study of art—to collect a brief series of illustrations” of the most important things. This kind of work is in direct line with the best pedagogical thought of our day. The dislike of history as a dry catalogue of annals ceases the moment the student comes in touch with the actual contemporary documents on which it rests. The brief records in this volume will be sure to awaken interest in their writers, and hence in the movements that they reflect. The editing has been so well done that the book will furnish teachers with a large part of the material necessary for topical study. While it is not designed to supplant the orderly text-books, it cannot fail to throw a living human glamor over their compact and rather bald details. The very sensible expedient has been adopted of printing the editor's brief annotations on the margin of the page where each document appears.—*The Churchman*.

*Main Travelled Roads.* By Hamlin Garland. The Macmillan Company.

To this new addition are added an illuminating introduction by W. D. Howells and several new stories. It is not a pretty picture Mr. Garland paints of the western farmer and his drudgery of a wife in their fight with the inevitable mortgage; it is always pathetic, disquieting, and often fierce, bitter and savage. Mr. Garland is so terribly in earnest that he cannot stop to be delicate or to aim at charm or style, but the stern passion and rugged power of his art makes itself felt through the pitiless, bleak, joyless lives that live again in his pages. The inhabitants of the east were at a loss to understand the passionate earnestness with which the western farmer espoused the cause of free silver a few years ago, the almost tearful eagerness with which he looked to see its victory; but the men and women of *Main Travelled Roads* are the quaint, sordid, hopeless figures who people the rural west, who wear themselves to the bone in an unequal struggle with nature, and count themselves happy to be able to meet the “corroding” mortgage year after year. Mr. Garland has unconsciously written a political tract, which ought to help the present generation, and will undoubtedly help the future historian to understand in part that upraising of the farmers of the West, which in his introduction Mr. Howells terms “the translation of the peasant's war into modern and republican terms.”—*Worcester Spy*.

*Letters and Recollections of John Murray Forbes.* Edited by His Daughter, Sarah Forbes Hughes. In two volumes. Houghton, Mifflin & Co.

The late John Murray Forbes was a hard-headed, tender hearted man of business, who throughout a long career combined an eager solicitude for the public welfare with a genuine preference for the repose and privacy of domes-

tic life. He was averse to holding office, but he loved to do what he could to help put the best men in official posts. Though he clung to his seclusion, writing to one reformer, “I would gladly do anything, except come before the public, to help your good work,” he never stunted himself after he had adopted a cause. The portrait of him drawn in these two volumes might with advantage have been set forth on a smaller scale, but in spite of much superfluous matter the reader is certain to be interested. He encounters in this biography an exemplary type of American citizenship. \* \* \*

Mr. Forbes was more than once in England, and in his recollections we catch agreeable glimpses of various noted men. At home his circle of friends was of course wide, embracing authors and statesmen, Emerson, Holmes, Sumner, John Brown and many other famous names. There is a particularly good description of a visit of Brown's to the Forbes home in Milton. He is portrayed as “a grim, farmer like looking man, with a long gray beard and glittering gray-blue eyes which seemed to have a little touch of insanity about them.” Ossawatimie being brought up, he said, “That wasn't any battle! 'twas all on one side!” They asked him, “How many did you kill?” He replied, “Wal, they said we hurt seventy of 'em.” Mr. Forbes was born in 1813. He died in 1898. His long life was full of good deeds, of benefactions that were kept hidden from the public eye. His daughter describes a lovable personality, and all the incidents that she cites go to confirm her description. Mr. Forbes was a remarkably successful merchant, and the Chicago, Burlington and Quincy system is one testimony to his sagacity in the development of railroad properties. But it is as an American citizen, using his abilities, his fortune and his position for the best interests of his country, that he will be remembered.—*New York Tribune*.

*Elementary Studies in Chemistry.* By Joseph Torrey, Jr., Harvard University. Henry Holt & Co.

Nearly every teacher of chemistry in time feels that even the best text-books which have been prepared are not just exactly what he desires. He is imbued with the idea that what he wishes the student to derive from a course of chemical instruction can be better obtained by some other method or plan than any previously proposed. In other words, he wishes to reach the goal in his own peculiar way. He knows what that goal represents, how he reached it, and is firmly convinced that by his method those placed in his charge can also gain it. The usual result of this reasoning is eventually a new book on chemistry. The author of the present volume, “dedicated to my students, past and present,” has doubtless had his own experience in getting young men to profit by careful drill in chemical experimentation, etc., and in this new contribution outlines his method of instruction.

The reviewer has had great pleasure in following the different steps of the development, and is happy to add that in his humble judgment, Mr. Torrey has prepared a most valuable student, guide, and deserves the congratulations of both students and teachers of the science.—*Science*.

*Stories of Great National Songs.* By Colonel Nicholas Smith. Young Charchman Co.

Colonel Nicholas Smith satisfies and stimulates a patriotic curiosity in his *Stories of Great National Songs*. Devoting a few pages to the close to the "Marseillaise," "God Save the King," and the battle songs of Germany, he gives the main part of his book to an account of the origin and anecdotal history of nineteen American songs, for the most part those made famous by the Civil War. We have found the book very entertaining and can but share the author's hope that it may contribute to remove from us as a people the reproach of having the best national songs and knowing least about them among all the great nations of the earth.—*The Churchman*.

*Trooper 3809.* By Lionel Decle. Charles Scribner's Sons.

Such light as the distinguished African explorer, Mr. Lionel Decle, is able to throw upon the condition of the French army by a narration of his experience as an *volontaire d'un an* in 1879-81 is lurid, and the book resulting, *Trooper 3809: A Private Soldier of the Third Republic*, is most discouraging reading for those who, like Abou ben Adhem, love their fellow-men. Making allowance for youth, for bitterness, for a possibly disagreeable manner, and for the personal equation, Mr. Decle appears to have entered the French service with patriotic enthusiasm in the perfection of an athletic vigor none too usual in France, and to have left it at the end of less than two years as an invalid not far from death, and despairing of the future of his country. That he eventually recovered, and was able to make of himself rather an Englishman than a Frenchman, disclosing administrative and executive abilities such as France stands desperately in need of, make the pity the greater. His native land, indeed, stultified her earlier treatment of him by placing him in command of a native transport service during the war in Madagascar, but only to bear witness that the casualties of that expedition would have been annihilation had the enemy been otherwise than cowardly. Incidentally to the narrative, though affording the undoubted reason for its publication at this time, a bright light is thrown upon the astounding disclosures of the Dreyfus trial. No one reading these pages can doubt that France is virtually lying naked to her enemies as a result of flagrant delinquencies and gross favoritisms pervading her armies, and that the one animating purpose behind the officers now before the public is the prevention of further disclosures of their worthless and vicious methods.—*Dial*.

*The Teaching Botanist.* By W. F. Ganong. Professor of Botany at Smith College. The Macmillan Company.

At least one step toward the revival of inductive inquiry ought to be the result of the use of the *Teaching Botanist*, by Dr. W. F. Ganong, Professor of Botany at Smith College. Self-made men have always had the sense to use the inductive, the natural method of acquiring their knowledge, but when young minds are in the most receptive and formative state students are subjected to excessive deductive work, the textbook kind. In the first place, this infallibly tends to make them distrustful of their own powers; secondly, it leads them to regard the recorded thoughts of others as the only real source of knowledge. We agree with the criticism that such a deductive educational system contributes more to pedantry than to usefulness. Dr. Ganong scorns our college examinations, which give the first and preponderating place to languages, the second to mathematics, and the third to history, generally ancient history at that. One of the services which his book may render will be to put elementary knowledge of the sciences in general, and perhaps of botany in particular, into a higher place. The volume in bringing together the best knowledge concerning botanical teaching, lays special stress upon the introduction of physiology and ecology (or the adaptation of plants to external conditions) as the most marked characteristics of present progress in that teaching.—*Outlook*.

*The Psychology of Reasoning.* By Alfred Binet. Open Court Publishing Co.

This lucid essay maintains the thesis that the processes of perceiving and reasoning are the same. Both belong to mediate and indirect knowledge, both require the intervention of truths formerly known, but imply the recognition of a similitude between the fact affirmed and the anterior truth upon which it depends. Perception is compared to the conclusion of logical reasoning. The formula which M. Binet reaches, after an elaborate and masterly analysis, is as follows: "Reasoning is the establishment of an association between two states of consciousness, by means of an intermediate state of consciousness, which resembles the first state, which is associated with the second, and which by fusing itself with the first, associates it with the second." His theory may be called a theory of substitution. One image takes the place of another and partially identical image. The premises of the syllogism should be transposed, and then the likeness between perception and logical reasoning appears. The phenomena of hypnotism and hallucinations in general afford many striking confirmations of M. Binet's theory, and it is impossible not to concede the strength of the case which he presents. We cannot do justice to it by citing brief passages, but can recommend students of psychology to read the argument for themselves. They will certainly

find it interesting and instructive, if not convincing.—*Independent*.

*Jewish Law of Divorce.* By David Werner Amram.

In view of the fresh discussion which the subject is receiving, the *Jewish Law of Divorce According to Bible and Talmud*, by David Werner Amram, a member of the Philadelphia Bar, is a timely as well as interesting work. The author holds that the divorce regulations of Israelites were an admirable example of common sense. We are ready to admit that our perusal of this book has increased our respect for the rabbinical regulations. Some account is given of their development in post-Talmudic times. The curiously elaborate rules for procedure in divorce—one hundred and nine in all—put our modern laxity to shame.—*Outlook*.

*The Peasants' War in Germany, 1525-1526.* By E. Belfort Bax. The Macmillan Company.

In his interesting study of "The Social Side of the German Reformation," of which the present work is the second volume, Mr. Bax proceeds with the ease of one who feels sure of his footing. His book is scarcely a history of the Peasants' War, but it is a fine historical sketch of it in which a supple and pleasing style make dry and necessarily obscure matter easy to understand. It would be unjust to call Mr. Bax's work a chip from Zimmerman's block; still there would be little left of the former were its debt to the latter paid in full. We do not say this in the way of adverse criticism. No writer upon the Peasants' War can evade Zimmerman. Mr. Bax has, however, used excellent judgment and industry in winnowing the later authorities and in bringing to the popular understanding the gist of all the historical and biographical materials collected by the German specialists bearing upon this subject. It may be competent to offer as evidence of the fascination with which the book is imbued, the acknowledgment that we sat up far into the night to complete its perusal. Perhaps the present time is well suited to accept as opportune an historical outline of the latest, maybe not the last, great industrial uprising. Religion had much to do with the Peasants' War; but industrial discontent had more. It was a picturesque struggle, one of the whirlwinds of the universal storm which blew away all the worst features of lingering mediævalism, and swept clean the way to modern civilization. Mr. Bax's book contains a clear, sharp, realistic presentation of the war and the forces which generated it.—*Independent*.

*Drame Ancien Drame Moderne.* Par Emile Faguet. Paris, Armand Colin & Cie. 1898.

What is the basis of Tragedy? To this question the ready answer might be Sympathy—a

sympathetic indulgence in "the luxury of woe." But no, says M. Faguet, not in the least—the basis is malice, a primitive and depraved fondness for cruel spectacles. We seek out the mimic counterfeit of human suffering and sorrow, with the certainty that we shall not be called on to relieve it, and with the express purpose of experiencing emotion. Surely there is nothing virtuous or sympathetic in such conduct; on the contrary, it is probably only a relic of the same gorilla instinct which makes some of us enjoy bull-fights and cock-pits, and others delight in funerals—which leads the bridegroom on his wedding-journey to entertain his bride (a kindred spirit) by reading aloud the freshest details of a hanging from some penny Shocker.

The spirit of the Greek drama survives to us the beautiful body with which it was clothed we cannot now recreate. It can be born again only in the imagination of the scholar and artist who sits amid the ruins of the Dionysiac Theatre and looks across the water of the Saronic Bay towards the violet peaks of Ægina.

M. Faguet explains this in his illuminating introduction to the aesthetics of the drama, and he adds to his exposition an important corollary: The worst mistake that can be made is to assume that the drama represented in Athens was tragedy as the French conceive it. It was, in fact, partly dramatic, partly epic, partly lyric.

May not we, who are perhaps closer, as we have just said, to the Greek drama than to the French, and who can follow "Hamlet" or "King Lear" with an absorption which is far from being the frigid pleasure of connoisseurs—may not we respectfully accept such an opinion as final, and, by steeping ourselves for awhile in the French spirit, try to feel thoroughly the grounds on which it was based? In doing so we shall find no better guide than M. Faguet. We should be at a loss to name any study of the æsthetic side of the Greek drama and the French, so compressed, so valuable, so illuminating, so profoundly true, so delightful to read. It ought to be rendered into English; yet we should regret to see it lose the neatness, the piquancy and grace of its French costume.—*N. Y. Evening Post*.

*Insects: Their Structure and Life—A Primer of Entomology.* By George H. Carpenter, B.Sc. London, The Macmillan Company.

This is a really good book, and to call it a primer is scarcely justice, since it is by all odds the most comprehensive work of its kind published in equal bulk in the English language. Not only do we find a concise yet sufficiently complete description of the main structural peculiarities of insects, but also clear statements of their development, of their history in past ages, and of the change that has taken place since they first made their appearance upon the earth. Scarcely a point has been forgotten, from the embryo just forming in the fertilized ovum to the mature form ready to reproduce its kind. The

histology of the various organs is sufficiently given, and their functions are always clearly explained; in fact, it is with a feeling of genuine satisfaction and approval that the portion of the book printed in large type can be read from cover to cover. \* \* \* Species are not treated except as illustrating some point discussed in the text, and life histories illustrate groups rather than individuals. This makes the book equally useful in all countries. There is a good index, and a list of 217 references to literature, which

will be found very useful but which might, under some headings, have been better selected.

Of the 183 figures, 102 are from the publications of the United States Department of Agriculture, and these are among the best in the book. It is no mean compliment that the British author has thus paid to the entomological division of that department in using so many of their cuts, all duly acknowledged; and the most gratifying thing is that it is well deserved.—*Nation*.

## Books Received

**ABBOTT.**—*The Hygiene of Transmissible Diseases, Their Causation, Modes of Dissemination, and Methods of Prevention.* By A. C. Abbott, M.D., Professor of Hygiene and Bacteriology, and Director of the Laboratory of Hygiene, University of Pennsylvania. Illustrated. (*W. B. Saunders.*) Pp. 311. \$2 00, net.

**CLAYTON.**—*White and Black under the Old Regime.* By Victoria V. Clayton, with Introduction by Frederick Cook Morehouse, Editor of *The Church Eclectic*, author of "Some American Churchman," etc. (*The Young Churchman Company.*) Pp. 195. \$1.00.

**DOLE.**—*The Young Citizen.* By Charles F. Dole, author of "The American Citizen." (*D. C. Heath & Co.*) Pp. 194. 45 cents.

**FARROW.**—*West Point and the Military Academy.* By Edward S. Farrow, late Assistant Instructor of Tactics at the United States Military Academy, West Point, New York. Third Edition. Revised. (*Military Naval Publishing Company.*) Pp. 129.

**FRISBEE.**—*Sir Tommy a Chronicle of Six Events in His Life.* By Frank Dunlap Frisbee. (*The Circuit Press*) Pp. 237. Price, —.

**GILLETT'S.**—*Mrs. Gillett's Cook Book.* Author of the *White House Cook Book.* Fifty Years of Practical Housekeeping. (*The Werner Company.*) Pp. x + 650. Price, —.

**HOCKING.**—*The Scarlet Woman.* A novel by Joseph Hocking, author of "The Birth-right," "All Men Are Liars," "The Story of Andrew Fairfax," etc. (*George Rowledge & Sons.*) Pp. 398.

**MEAD.**—*The Bow-Legged Ghost and other stories, A Book of Humorous Sketches, Verses, Dialogues, and Facetious Paragraphs.* By Leon Mead. (*The Werner Co.*) Pp. xv + 581.

**SEAMAN.**—*The Expert Cleaner, a Handbook of Practical Information for all who like Clean Homes, Tidy Apparel, Wholesome Food and Healthful Surroundings.* By Hervey J. Seaman. (*Funk & Wagnall.*) Pp. 286.

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Nov., 1899.

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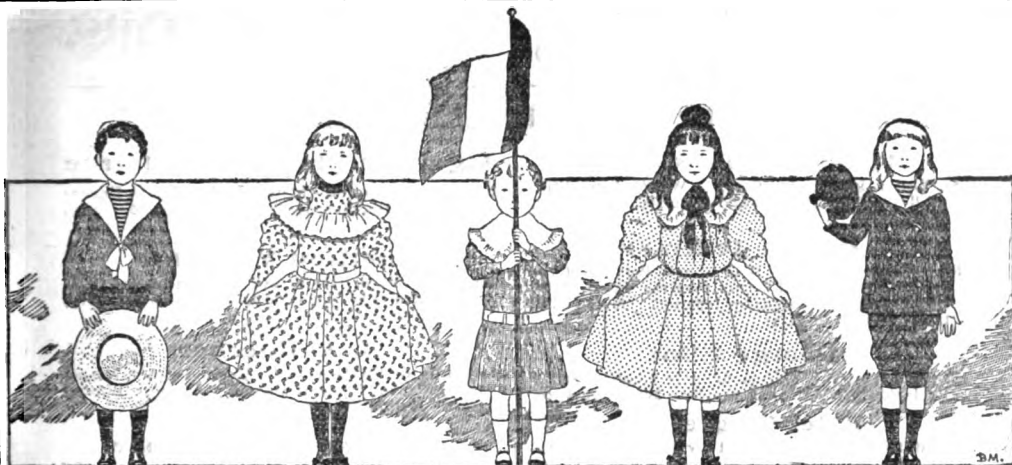
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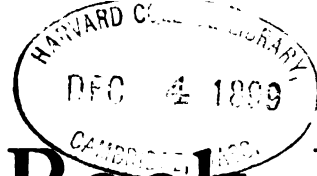
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## POMPEII: ITS LIFE AND ART.\*

FEW relics of Roman antiquity quicken the imagination more than Pompeii. Even the layman, to whom the remains on the Palatine may be only meaningless masses of rubbish, finds a charm in the ruins of the Campanian city. No doubt the interest of the visitor is deepened by the beauty of the situation as well as by his sense of the dramatic and tragic circumstances of the city's destruction, of which Vesuvius' smoke is a vivid reminder, but whatever the cause may be, the average visitor attempts to retrace the eighteen centuries since the city was buried, to rebuild the town, and to call back into the empty streets and buildings the busy life of former days. Yet this task is not an easy one even for the trained observer; for one not a specialist it is impossible to revive the city and its people and to understand the meaning of its life without proper assistance and guidance. The English reader has had no adequate books to meet his needs—the older English works are antiquated; and even if books in other languages have been open to him, the material has been on the whole too scattered in expensive publications to be readily available. A book has been needed of moderate compass to treat in a popular, but thoroughly scientific way, the life and art of Pompeii, and interpret them to the reader. This need Professor Mau, of the German Archaeological Institute at Rome, has supplied in this new work.

No man living has a better right to speak on Pompeii than Professor Mau; for a quarter of a century he has been a devoted student of the city, and furthermore he possesses the ability to present his scientific knowledge in a clear and attractive fashion. The book has had a worthy translator in Professor Kelsey. It should be stated that the translation has been made from Professor Mau's manuscript, and that the German edition has not yet appeared.

The work is divided into six parts: after an introduction dealing with the situation, history of the city, its burial, and the excavations to the present time, the first part treats of the public places and buildings; under this head the author presents a detailed account of the centers of the public and communal life of the Pompeians, their temples, courts, baths, theatres, and amphitheatre. It is interesting to the archaeologist to note that in describing the Doric temple on the *forum triangulare* Mau agrees with Weichardt in placing an uneven number of columns on the front, as is the case in the temple at Agrigentum, in spite of the opposition some have made to this view. In the chapter on the larger theatre emphasis is laid on the important bear-

\**Pompeii: Its Life and Art.* By August Mau. Translated into English by Francis W. Kelsey. The Macmillan Company.

ing this building has on the burning question whether the Greek theatre had a stage or not. In opposition to Dr. Doerpfeld's view that the stage was developed in Italy during the Roman period when there was no longer any chorus to occupy the orchestra, it is here pointed out that the theatre at Pompeii was built at least a century before there was any permanent theatre at Rome, and was built on Greek models, although intended, it is true, for plays that did not require a chorus to occupy the orchestra. Its stage is three feet high—less than the height given by Vitruvius for the stage of the Roman theatre—and so arranged that free interchange between a chorus and actors would have been possible as required by the extant Greek dramas.

Interesting as the first part of the book undoubtedly is, the majority of readers will find a greater interest in the parts that deal with the homes, the private and business life, the burial places, and the art of the people. In his treatment of the Pompeian houses Mau has given the more important a chapter each. Recent visitors to Pompeii will be glad to find an excellent description of the house of the Vettii, unearthed in 1894-5, as well as of the villa at Boscoreale, excavated in 1897, where was discovered the beautiful silver treasure which some hoped at the time might be acquired for this country, but which the munificence of Baron Rothschild secured for the Louvre. It is to be regretted that it was not possible to give a description of the treasure in this book.

In the part devoted to the trades and occupations of the Pompeians it is shown that the sources of our information are threefold: inscriptions in which trades or trade guilds—the barbers, perfumers, goldsmiths, fullers—are mentioned, wall paintings, and the remains of buildings used as workshops. It would seem that nearly all the trades at Pompeii were organized into guilds, for besides those just mentioned we find the dealers in garlic had an organization, likewise the cloak-makers, dyers, gig-drivers, pack-carriers, muleteers, and fishermen. Apparently these 'trades-unions' had all the modern fondness for politics, for the inscriptions in which they are mentioned are chiefly recommendations of candidates for municipal office, as *Trebbium aed. tonsores*, "The barbers recommend Trebius for the office of aedile." The trades of the bakers, fullers, and tanners are better known to us than the others; not simply have shops and work rooms been found with mills, ovens, troughs, and pits practically intact, but a number of wall paintings show men in the act of carrying on these occupations, thus making our understanding of the ruins clearer.

Pompeian art is treated under the heads of architecture, sculpture, and painting. An introductory chapter on technique and the styles of decoration employed precedes the chapter on the paintings proper. Perhaps nothing impresses the visitor to Pompeii and the Naples Museum more than the universal use of paintings as a means of wall decoration. Mau reckons that some thirty-five hundred in all have been discovered. Yet it is a remarkable fact that in the period between 80 B.C. and 79 A.D. no advance in technique or composition can be detected. The painters, whether of rude sketches or of such delicate work as may be seen in the better pictures of the house of the Vettii, were all copyists with no creative power. But in spite of this fact we can hardly overestimate the value of these copied works. They give us a better knowledge of composition and treatment in the Hellenistic period than we can get from any other source; in some few cases the pictures probably reproduce paintings of the period before Alexander. Aside from their varying value as works of art, the genre paintings throw a deal of light on the life and customs of the Romans. There is hardly an occupation or recreation that is not thus illustrated. Sometimes with a happy idealization of common toil Cupids and Psyches are represented as engaged in common work-a-day occupa-

tions, making and selling oil and wine, plying the trade of goldsmiths, or employed in similar pursuits. This pretty conceit is nowhere better expressed than on a dainty frieze in the house of the Vettii, the more interesting parts of which are produced among the illustrations. We may here note in passing that the entire book is rich in illustrative plates, plans, and cuts, some 260 in number, many of which are now published for the first time. The restorations are especially valuable, as they are not fanciful, but present the results of careful study.

The inscriptions offer much that is curious and interesting. Apart from the more formal inscriptions cut in stone, the short bits of writing painted or scratched on the walls aid in recalling ancient life to a remarkable degree. The numerous election 'placards' show that political methods have changed little in eighteen hundred years. There is also a very modern sound in the notices of buildings 'to rent.' Especially interesting is the advertisement of a certain Julia Felix, who offered a bath for rent fit for 'the nine hundred' (*nongentum*), that is, the moneyed aristocracy.

Space does not allow the enumeration of all classes of inscriptions; lovers' greetings, good wishes of friends and ill will of enemies, bits of Lucretius, Virgil, and Ovid are found scribbled on the walls, together with the record of various transactions and events. One virtuous gentleman records that one day at Nuceria he won about \$130 at play, and 'fair play at that.' The closing chapter of the part dealing with inscriptions gives an interesting account of the wax tablets which contained the receipts and records of the banker Cæcilius Jucundus.

In his conclusion Mau discusses the significance of Pompeian culture. The city was only a well-to-do bourgeois town of possibly 25,000 inhabitants at the most, so that we cannot expect to find in it the more perfect expressions of art for example, such as existed in the great capitals, and, fortunately for us, its situation and history prevented the development within it of a peculiar life; its civilization was typical and representative, and from that very fact comes its value for the interpretation of contemporary Roman life.

This book is one of great worth and will appeal to all who have an interest in other civilizations than our own.

CLIFFORD H. MOORE,

HARVARD UNIVERSITY.

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#### SOME NOTES ON THE MACMILLAN COMPANY'S HOLIDAY BOOKS.

OUT of a somewhat long list of books which The Macmillan Company publish this fall there are at least a dozen which deserve special notice by reason of their subject or illustrations and which may be chosen for their peculiar value as Holiday Books—books for presentation. A visit to any of the great metropolitan book stores at this season is an instructive sight for one who is inclined to wonder what becomes of the many books he sees advertised in his daily paper. He will realize the growing tendency among intelligent people not to waste money on gifts which have little but a passing attraction for the eye. A good book is the first thing that such a person would look for; a gift which can be taken in the hand and read and valued for itself and its associations without regard of season, and which will always bear with it some flavor of the taste of the giver.



It is perhaps owing to its narrative form that biography shares with fiction the largest meed of popularity, so it will be well to begin our notice with a few words on Bishop Whipple's autobiography which he calls *Lights and Shadows of a Long Episcopate*. There may have been shadows in the Bishop's life, but to the readers of his book the success which he has won by his faithful courage, sheds such a light on his work that any clouds that may have crossed his path have long since left the sky blue above him, and seem, if anything, to throw into clearer vision the good he has done to his generation. His pages, as was expected, deal largely with his great and successful mission among the Indians at Faribault. This work brought him into touch with many of the famous men of his day. His book "abounds in anecdotes" to quote the *Outlook*, "some of which have passed into currency, but here appear in their original historic form \* \* \* It is difficult to lay down our pen. There are fundamental principles in this book which we wish to expound; anecdotes which we wish to retell; and eloquent paragraphs—with an eloquence as naively and unconsciously simple as that of the writer—which we would fain quote." Many of the anecdotes are of such men as Lincoln and Sherman, and find their subjects as wide afield as in Paris, with the famous Dr. Evans. A fine portrait of the Bishop serves as a frontispiece, while there are others of many interesting men, Indians and whites, and several full-page illustrations of open air confirmations among the tepees: mission houses and scenes of work. The work is a monument in itself and is sure of a wide and appreciative reading to all who can value a noble life full of picturesque and forceful action.

Another notable book on an American subject is the beautifully illustrated *Child Life in Colonial Days*, by Mrs. Alice Morse Earle, whose last book on *Home Life in Colonial Days* has won so prominent a place for itself among works on the quaint household lore of American history. Mrs. Earle has collected some two hundred objects, dolls, cradles, samplers, games, portraits and a host of others, and has reproduced them in charming half-tone illustrations which she has scattered through her text. There is one collection which is unique—that of some thirty portraits of children in their curious attitudes and costumes, ancestors, no doubt, of many an American who will read the book. While not intended for young people, this is a book which will appeal to them in its own way as strongly as it will to the older heads for whom it is written.

A work of quite a different order is August Mau's *Pompeii: Its Life and Art*. This is a sumptuously illustrated book with about a hundred half tone reproductions of scenes, pictures, statues and metal work from the excavations. There are also many full-page photogravures which lend much beauty and dignity to the volume. It has been translated by Professor Francis W. Kelsey, of the University of Michigan, and is a popular treatment of a subject of unending interest, both to the student of art and to the cultivated man or woman who is at home in cities and among people to whose manners and customs we owe so much of our own civilization, and nearly all our æsthetic enjoyments.

A book by James Barnes is always welcome. He combines in a happy way the functions of the story teller and historian of the sea. His last book is *Drake and His Yeomen*. His story is told by Sir Matthew Maunsell, who was a friend and follower of Drake, and while the characters and the plot are imaginary the main incidents are historical. Mr. Barnes has the faculty of choosing those chapters in history which, when truthfully and graphically told, are so full of action and life that they shade into the borderland of fiction. This will perhaps prove to be the most notable book for

boys which has appeared this season. The many full-page drawings are by Carlton Chapman, whose sea pictures are so well known. The frontispiece is a colored drawing by a new process, which has all the charm of a good water color.

While F. Marion Crawford's *Via Crucis* is running into its fifth edition in as many weeks since its issue, it is not out of place to speak of the new edition of *Saracinesca*, which has been illustrated by Orson Lowell and which, with its stamped sateen covers in two volumes, will make a handsome work for one who likes to see an old friend in an "edition de luxe." Mr. Orson Lowell's drawings for the *Choir Invisible* are fresh in our memories, and have won some well-earned praise for their delicate beauty and charm of line. In order to make a success of the drawings of *Saracinesca* he went over to Italy and spent the spring and summer with Mr. Crawford as a guide among the scenes of the book, making sketches and drawings which give a fresh touch of reality to the brilliantly told story. There are twelve full-page photogravures, while a fountain here, and a doorway of antique grace there, a door knocker, or a quaint turn in a narrow street, afford the artist an opportunity for a telling initial letter or a tail piece.

Another writer who must not be forgotten is Beulah Marie Dix, who while still at Radcliffe College wrote *Hugh Gwyeth*, which attracted considerable notice and ran through many editions last year. Her new book is called *Soldier Rigdale*. It is the story of a young boy who sailed on the *Mayflower* to new Plymouth, and who becomes a devoted adherent and friend of Miles Standish. The story is told with the same strength of grasp as the earlier book, the same exquisite subtlety in construction and is distinctly a book to put into the hands of young people. It is another striking instance of the return to American subjects for romantic treatment—the working of a field in fiction which is rapidly building up a group of American writers who have had the clear, good sense to see the wealth of material which lies so close at hand in the stirring history of our own land. The illustrations are by Reginald Birch and are a story in themselves.

*Wabeno, the Magician*, is a sequel to *Tommy Anne and the Three Hearts*, by Mrs. Mabel Osgood Wright. It is a story of child life with nature, interwoven with Indian legends. Wabeno, the spirit of wild nature, the answer to unanswerable questions, is the Indian equivalent to the god Pan. Mrs. Wright is particularly happy in telling the story of living things so that the mind of the child can grasp the import of God's works. Herein perhaps lies the reason for her great popularity with children. This last book of hers has been illustrated by Mr. Joseph M. Gleeson, who, unlike many illustrators seems to have read and absorbed the spirit of the book, if we may judge from his work.

Another book for children is *The Jingle Book*, a whimsical set of rhymes for the young, or to be read to them. They are written by Carolyn Wells, and each is illustrated by that prince of comic draughtsmen, Oliver Herford.

Outdoor life *Among English Hedgerows*, by Clifton Johnson, illustrated from many photographs taken by the author, and with an introduction by Hamilton W. Mabie, takes the reader through English lanes and village streets. There is many a delightful glimpse into the life of the country folk of the western counties.

Our final note shall be upon the biography of *Abraham Lincoln; the Man of the People*, about which we are hearing so much discussion. Mr. Hapgood has "brought to bear for the first time upon Lincoln's wonderful life the genius which enables countless millions who never saw him, the greater part of whom were born since he was slain, to know Lincoln in some real degree as he was known by the wisest and most intimate of

his personal and official associates." So says one journal, while the *Boston Advertiser* speaks of it as "one of the most remarkable biographies ever written by an American." The nearer a novel writer gets to truth in portrayal the greater will his fiction be. Mr. Hapgood reverses the order and by his masterly handling of his material has given us a biography which has all the essentials of a great novel; and he has brought to bear on his work—as Justin McCarthy says of him—a critical faculty which marks him of the broader and higher school of which Lessing has perhaps been the leader hitherto. We may think we know something of Lincoln, but it is certain that until we have read Mr. Hapgood's book we have never *seen* him, so lifelike does his homely, gaunt form move through the pages. There is hardly a doubt that this is the best biography of Lincoln that has yet been done.

"THEY THAT WALK IN DARKNESS."\*

*Israël était récompensé de sa fidélité à la loi par le bien-être.*—Renan.

It has come to be quite the fashion to talk and write about Mr. Zangwill as the interpreter and prophet of Judaism, and to censure or to praise him according as his tales of Jewish life arouse emotions of resentment or of pleasure in the minds of persons who proclaim themselves to have absolute knowledge of his themes. It is my purpose for the most part to discuss Mr. Zangwill simply as a literary artist, in the light of his recent volume of short stories, *They That Walk in Darkness*. So unfashionable a proceeding requires explanation.

It seems to me that most of Mr. Zangwill's critics who are accusing him of lack of candor and with being profane, if not blasphemous, have approached his work with the eye of moralists, who, searching for an exposition of doctrine and not finding it, declare that the author is neither interpreter nor prophet, that his pictures are incomplete, and that his pen lacks the reverence which his subject demands. In his realistic stories they see the opportunities missed where the pen of an idealist might have dished up moral manna. In his idealizations they abhor the lack of documentary evidence of reality. But in either case they resolutely refuse to recognize the literary artist par excellence. It is not an exaggeration to say that the Hebrew detractors of Mr. Zangwill possess the same lack of candor, the same want of religious perception, the same ignorance of actual Judaism, which they affirm are conspicuous in his works. Let us see.

Mr. Zangwill is always objective. His characters may sneer at the Kaddish. He does not. Or, they may pronounce the most eloquent panegyrics on Judaism. He does not. He allows his characters to speak as he has evidently heard persons speak in the same environment with which he surrounds his people. And he chronicles events. Some of the dialogue is not of the nature to move the reader to admire the speaker. Some of the events are startling, but not more so to the minds of the advocates of progressive Judaism, than they are to Gentile sensibilities. The opening paragraph of the initial story reads; "It was not till she had fasted every Monday and Thursday for a twelve month, that Zillah's long yearning for a child was gratified. She gave birth—O more than fair-dealing God—to a boy."

There is certainly no irreverence in the way this fact is recorded. Now as to the

\* *They That Walk in Darkness*. By Israel Zangwill. The Macmillan Company.

dialogue: In "Bethulah," when the Wonder Rabbi refuses to show himself to gratify the curiosity of a stranger Yarchi sneeringly comments, "He couldn't come down, couldn't he? I daresay he wasn't sober enough." But Yarchi is only a sneering commonplace individual who imagines himself a wit.

When the parents of Salvina read the epitaph on their daughter's head-stone—a daughter who had sacrificed her life for the selfish comfort of her mother, for the vanity of a sister, the victim of a father's egotism and a brother's self-indulgence—the woman who had brought her into the world, yet who had remained completely oblivious to the tireless efforts that the great soul of her homely little daughter was making to lift her toward sweetness and light says: "But I don't bear her malice, and I don't grudge her what the stone says." To which the reprobate father piously replies, "No you mustn't. Besides, everybody knows one never puts the whole truth on tombstones."

In another tale a sister seeking to discover her lost brother in the much-talked-of author of a fashionable comedy waits "many hours to gain a good point of view in the first row of the gallery, being too economical to risk more than a shilling on the possibility of relationship to the dramatist." And this brother *was* the famous dramatist, who had forsaken Judaism and had once uttered with all the bitterness of repressed youth, "the blind fools! To fancy that religion can lie in clothes, almost as if it was something you could carry in your pockets! But that's where most of their religion does lie—in their pockets." But the young man was a prodigal who later was to return to the faith of his fathers, and who fate decreed should die in the Holy City, even as his father, the Maggid, was not permitted to do. The Maggid had hurried to London to be present at his son's death bed. They passed each other on the way. When the news came, tears of joy sprang to his bleared eyes. "He died in Jerusalem," he kept murmuring happily at intervals. "My Isaac died in Jerusalem." Three days later the Maggid died in London.

Yarchi, the humorist, before alluded to, says that "these new Wonder Rabbis can only work one miracle." "What is that?" the stranger asks. "The greatest of all—making their worshippers support them like princes."

"And my gilt clock" cries Salvina's mother when she finds that her husband has deserted her taking the household furniture, "that I trembled even to wind up, and the big vase with the picture on it, and my antimacassars, and my beautiful couch that nobody had ever sat upon! Oh my God, oh my God!" "Pooh!" utters Salvina's brother on another occasion "Travelling's travelling. There's nothing to understand. Whatever the article is, you just tell lies about it."

It may readily be imagined that the persons into whose mouths the above scraps of conversation are put or who are moved by the emotions indicated are not those with whom one would care to be on intimate terms. The words reveal rather the foibles of individuals than those of type. But how singularly trivial and unconvincing they all become when placed by the side of the remonstrance the Meshumad utters to his son, who, unconscious of his Hebrew blood, had been brought up in the Greek Church and in Russian institutions, with every adverse feeling subordinated to his hatred of the Jews and their religion. This is what the Meshumad or apostate says:

"Vermin, indeed!" I cried hotly, for I could no longer restrain myself. "And what know you of these vermin of whom you speak with such assurance? What know you of their inner lives, of their sanctified homes, of their patient sufferings? Have you penetrated to their hearts and seen the beautiful naïveté of their lives, their simple faith in God's protection, though it may well seem illusion, their unselfish domesticity, their sublime scorn of temptation, their fidelity to the faith of

their ascetors, their touching celebrations of fast and festival, their stanchness to one another, their humble living and their high respect for things intellectual, their unflinching toil from morn till eve for a few kopecks of gain, their heroic endurance of every form of torment, vilification, contempt?"

In "Transitional," in "The Keeper of Conscience," and in "Incurable" Mr. Zangwill gives us three sublime types of womanhood that one may search for in vain through myriads of volumes to find so tenderly and truly fashioned. Judaism made these women possible, and yet not one of them among her very own would be considered "religious." Little Schnapsie gives up her Christian lover solely because it had come to her knowledge that her marriage would prove a grievous blow to her aged father, however hard he might try to hide it. I have already touched upon the sacrifices of Salvina. And last of the three is Sarah, the incurable, poor, ignorant, petty in her narrow world of material things, who surrenders her husband to another woman who can better administer his daily needs and make a home for him than she, the invalid for life. These three—Schnapsie, Salvina and Sarah—are intensely human creations. Their humanity rises incalculably higher than their Judaism and almost obliterates it, but only as the perfect flower obliterates the bud.

The curious fault with many of Mr. Zangwill's Hebrew critics seems to be the fretful consciousness of individual failings, for which they imagine they are "retained" to apologize. Mr. Zangwill makes no apology, but then, as I have already intimated, it is hardly incumbent upon the artist to prate of morality.

Not only does the widely separate placing of the scenes in the stories before me—London, New York, St. Petersburg, Odessa, Zloczszol, etc.—offer a broad range of study in the color of various localities, but I believe that I am not mistaken in saying that the tales themselves belong to distinct and separate periods of the author's career, so that there is interest in them too from the point of view of literary evolution. But be that as it may, they are all true short stories, in the most academic significance of the term. In action, in plot, in character, they belong to the class which, among the French, has become "un genre national." It is exceeding doubtful if even the late M. de Maupassant ever succeeded in presenting within the narrow limits of "un conte" the vast human sympathy, the contrast of mental asphyxia with intellectual light, the eager aith in human paradox when religion failed, that Mr. Zangwill gives us in the title story *They That Walk in Darkness*. Here he is at his best as an analyst of minds shut in from health, beauty and culture.

Brum was the name of the child that had come to bless the middle years of his parents. He was a sickly child, but possessed abnormal mental activity. He read everything, and remembered what he read. His parents, ignorant in all things save what pertained to their religion, wished to give their son to the church. While a mere lad he was stricken blind. The most famous specialists of London, for the parents had amassed a fortune, were consulted and shook their heads. Then came fate in the guise of a char woman.—"It was the Sabbath Fire-Woman who, appropriately enough, kindled the next glimmer of hope in Zillah's bosom." \* \* \* "If he was my bhoy, the darlint, I'd cure him, aisy enoygh, so I wud." Zillah's sobs ceased. "How?" she asked, her eyes gleaming strangely "I'd take him to the Pope, av course."

The mother is determined to take her boy to Rome, but when she first attempts to broach the subject to him she discovers that she must lead him there under the delusion that he is going to see a great doctor. So these two set out, and as they travel through

France and Switzerland his mind pours forth his fund of information concerning these countries, while with her eyes he looks upon their beauties. As time passes, she grows more fluent in her descriptions. At length they are in the Eternal City. Through the good offices of a Catholic lady an audience with the Pope is obtained. Still the boy is in ignorance of the identity of "the great physician" he has come so far to consult. As they stood waiting, "his ear was strung for the ting-ting of the bell summoning the sufferers one by one."

At last a wave of awe swept over the little fashionable gathering, and set Zillah's heart thumping, and the room fading in mist, through the tall, venerable, robed figure, the eagle features softened in benediction, gleamed like a god's. Then she found herself on her knees, with Brum at her side, and the wonderful figure passed between two rows of reverent pilgrims.

"Why must I kneel, mother?" murmured Brum feebly.

"Hush! Hush!" she whispered. "The great doc—"—she hesitated in awe of the venerable figure—"The great healer is here."

"The great healer!" breathed Brum. His face was transfigured with ecstatic forevision.

"Who openeth the eyes of the blind," he murmured, as he fell forward in death.

"Transitional" and "The Keeper of Conscience" are marvellous studies in realism, in which with consummate care human frailties are laid bare and human virtues are revealed through the enigma of commonplace existence in the great East End of London. Into these pages Mr. Zangwill puts the full strength of his virile, facile style, every word of which is an important detail in the ingenious construction of his canvas.

But what can be said of "Satan Makatrig," of "Bethulah," and of "The Diary of a Meshumad"? The first is a lurid study of a soul that hangs suspended between superstition and reality, a religious derelict blown hither and thither upon the sea of doubt and discontent. Possibly the motive of this tale begins and ends in its art. But it is an art that is exacting and remorseless, and one that will permit no slight on the part of the reader. Turn then to the pages of "Bethulah" and "The Diary of a Meshumad" and read in these idealizations the romance and beauty of love that outlasts the grave, the lessons of fidelity and of long suffering, or of repentance and of resignation.

Mr. Zangwill is master of the art of contrasts, both in description and dialogue. Nevertheless his action is so delicately conceived and moves so evenly that whatever mental astonishment is felt the causes are indiscernible. The volume entitled *They That Walk in Darkness* assures its author a permanent place among the great short story writers of the world. His art is of the kind which reveals fresh beauties the more it is studied. But it will remain illusive to the analyst until the effect it produces is rubbed from the memory. But this is not so easily performed. There is more of the mental burr in Mr. Zangwill's work than it is the usual fortune of critics to encounter.

WALTER LITTLEFIELD.

## CHILD LIFE IN COLONIAL DAYS.\*

IN writing this delightful book about *Child Life in Colonial Days* Mrs. Earle has drawn upon material the very opposite of that which the journals of mothers of to-day would afford. Instead of purposed record, colored with self consciousness and parental pride, which commonly makes up the sum of our own study of to-day's children—their action, thought and growth now so carefully considered from the point of view of the psychist and the physical trainer and the evolutionist who would find traces of past habits of the race—instead of this, nearly every conscious trace of the demure little men and women who brightened the world in colonial days and now look out at us from these pages was kept down, put away and, as far as possible, lost sight of. Nevertheless children did then live, and, as Mrs. Earle shows, they were the same enchanting little souls they are to-day, radiant with light and the Adamic temper and contradictory moods of joy and tears. So, perhaps, we may conclude they always shall be—if we look back through the centuries even so far as Cicero and his Tullia and judge what shall be from what has been. But these colonial children were painted to appear before us with their little features constrained to seriousness and their little bodies clad in such elaborate and antiquated dress—the boys at times in wigs and queues—that we sometimes are at a loss about their laughter and the inherent grace and nature of childhood.

This record of their life Mrs. Earle has found, she tells us, in a constant and distinct research for many years in the rich stores of historical societies, and among hidden papers and presses, and also through an extended historical reading.

The book opens with the little folks who accompanied the Pilgrims and formed the infant contingent of the first settlement of Massachusetts. The life of these children was in all things almost as strenuous as that of their elders. But their strength was not equal and "they died singly and in little groups, and in vast companies." Passing from the usages and circumstances that surrounded their birth, the author gives a chapter to the dress of the then youngsters and to narrative and anecdote touching their costume. The chapter on "School and School-life" follows this and instances records not only of the school masters and school houses, but also of those who enlivened both master house by such exhibits of perennial boy, as the following report in 1719 of a grandmother to a lad's father.

"Richard wears out nigh 12 pair of shoes a year. He brought 12 hankers with him and they have all been lost long ago; and I have bought him 3 or 4 more at a time. His way is to tie knottys at one end & beat ye Boys with them, and then to lose them and he cares not a bit what I will say to him."

Very evidently boy nature has not degenerated in our own day!

In educating their girls the colonists suffered from the narrow estimate of the life of women, which appeared in the times of the Reformation and found its chiefest voice in the coryphei of ecclesiastical reform—as the writings of John Knox and Martin Luther attest. These ideas banished from English education the graceful ideal of the instructed woman, such ideals for instance as Lady Jane Grey and the Countess of Pembroke embodied. Among the Puritans no such conception was possible. "While," says Mrs. Earle, "the education of the sons of the planters in all the colonies was bravely provided and supported, the daughters fared but poorly. The education of a girl in

\* *Child Life in Colonial Day's* written by Alice Morse Earle, author of *Home Life in Colonial Days* and other Domestic and Social Histories of Olden Times with many Illustrations from Photographs. Pp. xxi, and 418. \$2.50.

book learning was deemed of vastly less importance than the instruction in household duties. But small arrangement was made in any school for her presence, nor was it thought desirable that she should have any very varied knowledge. That she should read and write was certainly satisfactory, and cipher a little; but many girls got on very well without the ciphering and many, alas! without the reading and writing."

In the "Horn-book and Primer" and in the "School Books" chapters we have numerous cuts to show what the old books and cards were, and what instruction they gave, and above all we have a chance to see the virtues they inculcated, the moral they taught. Poor little colonial kids! they seem never to have been free from that monstrous moral with its index finger. "Penmanship and Letters" pages also exhibit the moral galore, so true to the life they are, and they also afford examples of the script of hands which, long ago wearied of pen and needle, and, perhaps, of axe and mattock, and folded themselves in sheer exhaustion under a coffin lid and melted into the mother earth that knows not pain or labor. In the writers of "Diaries and commonplace Books,"—and in that day ambitious children and children suffering from ennui indulged in the wild excitement of journals,—dwelt the same ethic propensity.

Close after these chapters Mrs. Earle has placed the topic of "Childish Precocity," and in a suggestive propinquity, which shows the author's strong sense of humor and her understanding of human nature, is "Oldtime Discipline." Various illustrations give us—us the mild-mannered enders of a century—a notion of what that discipline was, and if we do not know a "warm birch" from experience, or the feel of "whispering sticks," here are pictures and descriptions to inform.

After such discipline follow its true fruits "Manners and Courtesy," in which we see, like the little folks in *The School of Manners*, rules for "three-fourths of life," that is, for conduct well set out. Again since manners and courtesy, our duty towards our neighbor, are but a vestibule to our duty towards the Highest, this chapter already named precedes religious thought and training. The colonists' profound anxiety for the welfare of the young souls heaven had given in their keeping made them, says Mrs. Earle, most cruel in the intensity of their teaching.

"When Cotton Mather's little daughter was but four years old he made this entry in his diary: 'I took my little daughter Katy into my study and then I told my child I am to dye shortly and shee must, when I am Dead, remember everything I now said unto her. I sett before her the sinful Condition of her Nature and I charged her to pray in Secret Places every Day. That God for the sake of Jesus Christ would give her a new Heart. I gave her to understand that when I am taken from her she must look to meet with more humbling Afflictions than she does now she has a Tender Father to provide for her.'"

A tender father forsooth!

The chapters which follow in this all too entertaining and attractive volume are "Story and Picture [Books]," "Children's Diligence," "Needlecraft and Decorative Arts," "Games and Pastimes," "Children's Toys," and the long and exhaustive "Flower Love of Children," which lore hath descended upon blessed heads since English-speaking men first came to love primroses and daffodils, and Shakespeare sang of winking May-buds and their golden eyes.

It is not possible to speak of the book in the positive degree, and in small space, when one is all the time asking for elbow room for adjectives and pages for quotation. It is a delight: it is *sui generis*—there is nothing like it in matter, and its esprit and vivacity, and human heartedness and sympathy, and charming poise—added to a most attractive appearance and unnumbered pictures, make it one of the most attractive of the author's attractive books.



## AMONG THE COLLEGES.\*

THE Iowa Wesleyan University has received a gift of \$10,000 from ex-Senator James Harlan.

By the will of the late John H. Sessions, \$25,000 is bequeathed to Wesleyan University, Middletown, Conn.

HERBERT N. MCCOY, Ph.D. (Chicago), has been appointed Instructor in Chemistry in the University of Utah.

DR. MERTON L. MILLER has been appointed to an associateship in anthropology in the University of Chicago.

MR. CLARK WISSLER, of Ohio State University, has been appointed Assistant in Psychology in Columbia University.

GEO. E. THOMAS, S.B., Ph.D. (University of Pennsylvania), has been elected Instructor in Chemistry in Swarthmore College, Pa.

By the will of the late Cornelius Vanderbilt, of New York, Yale University receives \$100,000 and Vanderbilt University \$50,000.

JOS. H. JAMES, Ph.D. (University of Pennsylvania), has just been appointed Acting Professor in Chemistry in Buchtel College, Akron, O.

PROFESSOR J. B. JOHNSON was inaugurated as Dean of the College of Mechanics and Engineering of the University of Wisconsin on October 18th.

\* In order to make this section of BOOK REVIEWS as complete as possible, the editor asks for the coöperation of college authorities. Properly authenticated news will be printed of all changes in college faculties, changes in instructorships, and important college news. "Copy" should be in the editor's hands not later than the 15th of the month.

MISS LILY G. KOLLOCK, A.B. (Woman's College), Ph.D. (University of Pennsylvania), has been appointed to an Instructorship in Chemistry in Vassar College.

DANIEL P. MACMILLAN, Ph.D., '99, has received an appointment in the Child-study Department which was recently created in the public schools of Chicago.

THE following have been appointed Instructors in Zoölogy in the University of Michigan: Dr. H. S. Jennings (last year instructor at Dartmouth), Dr. S. J. Holmes and Dr. K. W. Genthe (Leipzig).

H. W. F. LORENZ, A.B. (Wittenberg), and Ph.D. (Berlin) has just assumed the position of Instructor in Organic Chemistry in the University of Pennsylvania. Dr. Lorenz is the translator of Löb's *Organic Electrosyntheses*.

PROVOST C. HARRISON, of the University of Pennsylvania, announces a gift of \$50 000 from an anonymous donor, the money to be used for the cost of erection of that part of the dormitory system already begun.

MAJOR HENRY LEE HIGGINSON, of Boston, has given \$150 000 to Harvard University for the establishment of a University club, and the corporation offers as a site the property at the corner of Harvard and Quincy streets.

D. F. CONVERSE, a mill owner of Spartanburg, S. C., who died recently, left one-third of his estate, valued at \$500,000, to Converse College, an institute for the higher education for women, founded by him in Spartanburg ten years ago.

IN our October issue we stated that Dr. W. A. Eckels was elected to the chair of Latin and Greek at Miami University.

This was an error on the part of our informant, as the Chair of Latin continues to be occupied by Dr. W. B. Langsdorf, who has held it since 1893. Dr. Eckels' chair is that of Greek.

W. L. HARDIN, S.B. (Buchtel College), Ph.D. (University of Pennsylvania), who held the position of fellow and later senior fellow in chemistry in the University of Pennsylvania, has recently been appointed to an instructorship in the same institution. He is the author of *Liquefaction of Gases*, recently published by The Macmillan Company.

THE Professorship of Physics at Colby College made vacant by the resignation of Dr. Gordon F. Hull will be assumed by Mr. J. W. Drisko, a graduate of the Massachusetts Institute of Technology in the class of '95, and since that time an instructor in that institution. Mr. Drisko is a native of Maine. Dr. Hull accepts the Assistant Professorship of Physics at Dartmouth College.

THE registration at the University of Maine up to the present time is larger than it has ever been so early in the year: 122 new students have registered in the undergraduate courses. Several additions are expected later. The senior comes from Colby, one sophomore from the Worcester Polytechnic Institute, and one from Vassar; 12 of the new students are women. About four-fifths of the whole number are from Maine.

THE will of Dr. Calvin Ellis, formerly Dean of the Harvard Medical School, has only recently been probated, though his death occurred some years ago. It leaves about \$140,000 to Harvard University. A fund of \$50,000 is to be used to defray the expenses of descendants of the family at Harvard College. Miss Lucy Ellis, a sister of Dr. Ellis, has now bequeathed

about \$90,000, the money to be added to the fund left by Dr. Ellis.

THE registration of the several departments of the University of Michigan is as follows:

Literary Department . . . . .	1,279
Law Department . . . . .	782
Medical Department . . . . .	469
Engineering Department . . . . .	268
Dental Department . . . . .	246
Pharmaceutical Department . . . . .	75
Homœopathic Department . . . . .	68
Total . . . . .	3,187

THE registration of Columbia University is as follows:

	1898.	1899.
The College . . . . .	387	439
Law School . . . . .	342	369
Medical School . . . . .	697	743
School of Applied Science . . . . .	431	431
Faculties of Political Science, Philosophy and Pure Science . . . . .	262	256
Teachers College . . . . .	234	272
Barnard College . . . . .	257	258
	2,610	2,768

THE following changes in the faculty of the Alabama Polytechnic Institute have been made for this session: Mr. A. St. C. Dunstan, Associate Professor of Physics in Kansas University, has been elected Professor of Electrical Engineering, Vice Professor A. F. McKissick resigned; Mr. Thomas G. Faulkner, Instructor in the University of Virginia, has been elected to fill temporarily the place of Dr. Charles H. Ross, Professor of Modern Languages, who has a twelve-months' leave of absence on account of ill health.

THERE have been a few changes in the faculty of the University of Tennessee for this year. Professor Karnes, who held the Chair of Philosophy and Economics, resigned in June. Dr. Dabney, the President, has taken his classes in economics, but no provision has been made for phil-

osophy yet. Miss Skeffington, of the University of Chicago, has been appointed Instructor in English, and she also has supervision of the Woman's Building. The services of Miss Gilson, of Boston, Mass., have been secured as Physical Instructor for the women, and she has already organized classes. The University is trying the three-term system this year for the first time.

THE new appointments at Oberlin for 1899-1900 since the publication of the catalogue are as follows: Rev. George Stockton Burroughs, Ph.D., D.D., LL.D., Professor of the Old Testament Language and Literature; Walter Dennison, Ph.D., Associate Professor of Latin; Miss Alice Bertha Foster, M.D., Director of the Woman's Gymnasium; William DeWeese Cairns, A.M., Instructor in Mathematics and Surveying; Joseph Scudder Chamberlain, Ph.D., Assistant in Physics and Chemistry; William Eugene Mosher, A.B. (Oberlin College, 1899), Tutor in German; Wilfred H. Sherk, A.B. (Oberlin, 1899), Tutor in Mathematics; Miss Minnie Luella Carter, Ph.B., Tutor in English.

At the last annual meeting of the National Education Association of America, which was held in Los Angeles, in July, the Board of Directors considered the question of the representation of the Association at the proposed Millennial Celebration of King Alfred's death to be held at Winchester. On the motion of the Hon. W. T. Harris it was resolved that a committee consisting of the Secretary and the Treasurer of the Association and of Professor Charles Mills Gayley, of the University of California, be appointed to further the plans for this celebration; and that Professor Gayley be the delegate of the Association to the Alfred Celebration in England, October 26, 1901.

THE attendance at Harvard University, not including Radcliffe College and the Summer School, is this year in all 4,067 students, an increase of 155 over last year. The numbers in the different classes and schools are as follows:

	1898-99.	1899-00.
Seniors . . . . .	369	311
Juniors . . . . .	335	351
Sophomores . . . . .	508	507
Freshman . . . . .	471	497
Specials . . . . .	168	190
Totals . . . . .	1,851	1,896
Science School . . . . .	415	494
Graduate School . . . . .	322	315
Divinity School . . . . .	26	27
Law School . . . . .	551	604
Medical School . . . . .	560	550
Dental School . . . . .	139	132
Veterinary School . . . . .	25	24
Bussey Institution . . . . .	23	25
Totals . . . . .	3,912	4,067

MISS MARIAN WARNER WILDMAN, of the class of 1898, of the College for Women of Western Reserve University (Cleveland) has won the Century Company's prize of two hundred and fifty dollars for the best poem written by a college graduate of one year's standing.

The College for Women has just been admitted to the Association of College Alumnae at its annual meeting in Chicago, and is thus recognized as standing for the best class of women's colleges.

Professor S. B. Planter, of Adelbert College of the University, is spending another year in Rome, as director of the School of Classical Studies at that place, in which work he was engaged two years ago for a winter.

Among the new instructors of the University this year are Dr. W. T. Marvin, (Columbia), in the Department of Philosophy; Dr. C. E. Baldwin (Yale) in the Department of Rhetoric; Dr. J. A. Walz (Northwestern) in German; Mr. W. E. Bassett (Harvard) in French; Miss Lisa Cipriani (Chicago) in French; Rev.

Howell Haydn (Auburn Seminary) in Biblical Literature, Mr. C. E. Clemens, of England, in the history and theory of music. Miss Palmie, head of the mathematics of the College for Women, has returned after a year's absence abroad.

FROM the New York *Evening Post* we learn that the official figures for Yale University registration, almost exactly as they will appear in the forthcoming university catalogue, are as follows, compared with last year :

## ACADEMIC DEPARTMENT.

	1899	1898
Seniors . . . . .	326	300
Juniors . . . . .	258	320
Sophomores . . . . .	307	271
Freshmen . . . . .	336	333
Total . . . . .	1,227	1,224

## SCIENTIFIC DEPARTMENT.

	1899	1898
Graduates . . . . .	59	59
Seniors . . . . .	132	140
Juniors . . . . .	159	163
Freshmen . . . . .	194	192
Special . . . . .	25	13
Total . . . . .	569	567

Comparative figures for the other departments are as follows :

	1899	1898
Graduate . . . . .	280	283
Theological . . . . .	99	95
Law . . . . .	197	194
Medical . . . . .	134	110
Music . . . . .	103	76
Art . . . . .	50	84
Total . . . . .	863	842

The number in the courses for teachers is 165, as compared with 163 last year.

Allowing for names inserted twice and not counting the courses for teachers, the total number of students in the university is 2,539, an increase of 28 over last year. Following is a comparison for four years by departments :

	1896	1897	1898	1899
Graduate . . . . .	227	262	283	280
Academic . . . . .	1,237	1,241	1,224	1,227

Scientific . . . . .	553	543	567	569
Art . . . . .	53	78	84	50
Music . . . . .	76	70	76	103
Theological . . . . .	104	102	95	99
Medical . . . . .	138	128	110	134
Law . . . . .	213	198	194	197
Total . . . . .	2,495	2,500	2,511	2,539
Courses for teachers . . . . .	120	145	163	165

In the foregoing table the totals allow for names inserted twice, and are not additions of the figures for the departments. Contrary to expectation the Divinity School shows a slight increase as compared with last year.

PROFESSOR W. A. WEBB, who for the past two or three years has made considerable reputation in the West as **Central**, a scholar and educator, has just been elected to the Chair of English. Professor Webb is a graduate of Vanderbilt University and spent two years at the University of Leipzig; he is a thorough scholar and a most enthusiastic and inspiring teacher. His election to the Chair of English will add strength to the faculty of the college.

This old and long established institution has made great strides forward during the two years of the administration of its young and vigorous president, Dr. E. B. Craighead. During these two years it has been the recipient of over \$40,000 in gifts, bequests, etc.; a new dormitory, costing \$25,000 is nearing completion; the faculty has been increased and the curriculum expanded; attendance in college classes has increased thirty per cent.; young women have been admitted upon the same terms as young men; several so-called colleges in different parts of the state have been correlated and turned into training schools for the college, the property of each passing into the hands of the college board; Howard-Payne College for young women—in the same town—has been so far correlated that its young women, will, in future,

receive their literary instruction from the faculty of Central College. The reputation and prestige of the college have been extended to all parts of the State and into adjoining States.

THE college opens the year with 655 students, the largest number yet enrolled. The Freshmen class is over 220. **Vassar.** The place of Miss Winifred Ball in the Latin department has been taken for the year by Miss Beatrice Reynolds, of the University of California, A.B., 1895, A.M., 1897. Miss Reynolds was Fellow in Greek at Bryn Mawr, 1897-8, and Fellow by Courtesy for the past and the current year. Miss Ball expects to spend the year in study in California.

The general course of Bible Lectures delivered before the college on Sunday evenings will be opened this year by Professor Sylvester Burnham, Dean of Hamilton Theological Seminary, who will deliver five lectures on the prophet Isaiah.

The Department of Music begins the year with increased members and equipment. As the time spent on technical work is not counted towards the A.B. degree, it is imperative that the best methods should be used in such work in order to render fruitful the small amount of time that a student carrying full college work is able to devote to practice. Instruction in the piano is this year in charge of Miss Kate S. Chittenden, of New York, and the work has been planned to meet the situation just described. As a practical test of the degree of proficiency which may properly be expected from four years of continuous work in college, scholarships have been awarded to two members of the Freshman class of average musical ability, who have not previously studied the piano.

In the regular college classes in the history of music much interest is being shown in the use of the *Æolian* for illustration. The instrument when skilfully handled renders orchestral music with so much color

and completeness of score than can be found in the best pianoforte arrangements. That it has already demonstrated itself to be extremely valuable, while the quality of tone of the "*Orchestello*" makes the hearing pleasurable as well as technically profitable. The addition of orchestral works to the piano, organ and vocal compositions which could previously be illustrated in class enables the student to comprehend the difference of the various styles and periods in music as never before.

A COURSE in dyeing and bleaching has been established in the University. The **North Carolina.** lectures are given by Professor F. P. Venable and the laboratory work is in charge of Dr. Thomas Clarke. The primary object in establishing this course was to provide, for the increasing number of the students of the University who go into the cotton mills, something more directly applying to their future work.

The extensive improvements made in the Library are due to the generosity of Mr. Henry Weil, of Goldsboro. A portion of his gift will be devoted to the purchase of the Weil Collection of books on Political and Social Science.

On the campus, the most noticeable improvement is the Carr Building, a dormitory, the gift of Mr. Julian S. Carr, of Durham. It will be equipped with all modern conveniences necessary to health and comfort, and will be ready for occupancy at the next session. The Alumni Building, to be used for lecture rooms and offices is also in process of erection.

The session of 1899-1900, shows marked increase along all lines, and the institution may be said to have reached the topmost point of usefulness and power at the moment of this writing. The institution has grown into the rank and class of institutions enjoying two and three times its income, and in number of academic students it surpasses all other

colleges in the South, where it is a constantly stimulating influence. This growth is not the result of luck or chance. It is not the result of abundant prosperity, for the university made its greatest gain, until this year, in a period of disturbance and depression. It is the result of hard, grinding, ceaseless toil and infinite watchfulness for the right and nice adjustment of university power to the needs of the State.

Among the news of the Faculty it may be mentioned that President E. A. Alderman, D.C.L., received the degree of Doctor of Laws (LL.D.), from Tulane University, La., in June, 1899. Professor F. P. Venable, Ph.D., was Vice-president of the American Association for the Advancement of Science, section of Chemistry, at the Columbus meeting, in August, 1899. Professor H. V. Wilson, Ph.D., was director of the U. S. Fish Commission Marine Biological Laboratory, at Beaufort, N. C., during the Summer of 1899. Associate Professor Charles Baskerville has been made General Secretary of the American Association for the Advancement of Science for 1900. Professor Karl P. Harrington, of the Department of Latin has resigned to accept a position in the Maine State University. This vacancy has been filled by the promotion of Associate Professor Henry F. Linscott, to the full professorship. Hon. James C. MacRae has been elected Professor of Law, to fill the vacancy occasioned by the death of Professor John Manning, and the resignation of Professor James E. Shepherd. Dr. Thomas Clarke has been promoted to the position of Instructor in the Department of Chemistry.

THE fall semester opened Sept. 12, with an attendance ten per cent. larger than in 1898. The enrollment for the year may, from present indications, reach 2,200. Professor Charles E. Bessey, on being ap-

pointed Acting Chancellor, at the July meeting of the Board of Regents, was relieved of all responsibility for the Department of Botany, and Instructor Frederick E. Clements was made Acting Head. Dr. A. Rimbach, B.Sc. of Weimar Gymnasium, and Ph.D. of Jena, was elected instructor.

The Department of Pedagogy, since its establishment in 1895, has been one of the most popular in the College of Literature, Science and the Arts, and has been thronged with students. During this year's absence of Professor Luckey, David R. Major, Ph.D., of Cornell, is Acting Head. Mr. E. A. Burnett, from the Agricultural College of South Dakota, has been called to a Professorship of Animal Husbandry, in the Industrial College.

The insufficient quarters in which the School of Agriculture, in the same College, has had its home hitherto, will be greatly enlarged on the speedy completion of the relief building, on the farm grounds, three miles east of the University proper. Here much of the work of the Experiment Station has for some time been done. The laboratory of the Department of Animal Pathology was built here ten years and more ago.

A special course in the College of Literature, Science and the Arts, that has proved its fitness to survive, is the one in journalism, and known as Course 15, of the Calendar, in the Department of English. Instruction in this subject has been given since 1894, by Mr. W. O. Jones, managing editor of the Nebraska State Journal. After a three years' trial of the work, the instructor, to be advised regarding his success, made a tour of the principal universities of the country in which journalism is taught. As the result of the inspection, it was determined to continue the subject here. The course is not a general one, preparatory to applied work, and embodying such studies as economics, history, literature, sociology,

etc., but a technical one in journalism proper. To enter it, the student must have completed the elementary English work of the department, which includes expertness in visualization of persons, characterization, visualization of places, and other sub-topics under what is called description. This enables immediate expert work in reporting, interviewing, and the like, all of which is done seriously and practically, up to editorial paragraph writing. Material from the classroom is used continually in the daily issues of the *State Journal*.

Further papers of *The University Studies* series are just ready from the printer. These include *A Topical Digest of the Rig-Veda*, and *Spanish Verbs with Vowel Gradation in the Present System*, by Professor A. H. Edgren; and *The Oath of the Tennis Court*, by Professor F. M. Fling.

MIAMI UNIVERSITY, one of the oldest state universities in the country, is entering upon another year with brighter prospects than ever before. The unanimous election, last August, of Rev. David Stanton Tappan, D.D., to the presidency of the university was an event of great importance. The field of choice was not limited, but it is exceedingly gratifying to all the friends of the institution to know that from the alumni was chosen one who is eminently qualified for the position and in sympathy with the traditions of the University. Descended from a long line of noted educators, Dr. Tappan brings to his new field of labor, scholarship, experience as a teacher and as a trustee in several institutions of learning, and a certain personal charm and dignity which command the respect and esteem of all with whom he comes in contact. Dr. Tappan's reputation as a pulpit orator is well known. He spent thirty two years in the Presbyterian pastorate, and was the Moderator of the Synod of Ohio

last year. Miami University is to be congratulated upon having such a president.

Everything points to a greater number of students this year than at any time since 1885. Already more have registered than at this time last year. It is worthy of note, also, that the percentage of women shows an increase.

A few changes in the faculty have been made: Dr. W. A. Eckels, an M.A. of Dickinson, and a Ph.D. of Johns Hopkins, was elected to the chair of Greek made vacant by the resignation of Dr. Herman L. Ebeling. Rev. W. J. McCurely, D.D., has been elected Librarian, while O. B. Finch, M.A. Miami, has been transferred to the English Department, and A. H. Upham, M.A. Miami, has been made Principal of the Preparatory School and continued as Instructor in Latin and Greek. Mr. R. T. House has been appointed a tutor in mathematics.

The University receives a permanent and regular annual income from a levy upon all taxable property in the state together with rents from the lands of Oxford township and the interest of invested money.

The beautiful campus of 64 acres presents an altogether different appearance from what it did a few years ago. A splendid gymnasium has been erected, which has a frontage of 100 feet and a width of 71 feet. It is two stories high above the basement, and is made of pressed brick and stone, is heated by steam and lighted by electricity. It contains a reading room, an assembly room, office and rooms for the physical director, baths and dressing rooms, running track, etc., while the second floor is one large room, used for gymnastic purposes.

The main building has been greatly improved by the addition of two wings, the central or old part being three stories high, the wings two stories, having a frontage of 250 feet. The Chapel has been enlarged and refitted with new opera chairs,

while all the buildings are heated by steam from a central steam heating plant which has been put in. The dormitories also have been repaired and thoroughly equipped with hot and cold water, bath rooms and electric lights.

THE most important event of the present session is the opening of the Royal Victoria College for the higher education of women. This college, which McGill University, has been built, endowed and equipped by the Right Hon. Lord Strathcona and Mount Royal, Chancellor of the University.

This magnificent foundation will take up and continue under greatly improved conditions, the operations which have been carried on for the past fifteen years in the special course for women, known hitherto as the "Donalda" department. The teaching will be largely done by the present Arts Faculty of McGill, but the following special appointments have been made: Miss Oakeley, of Somerville College, Oxford, has been appointed Warden and will deliver lectures in Honor Philosophy. Miss McLean, M.A. (Acadia), Ph.M. and Ph.D. (Chicago), will lecture on Sociology upon which she has written articles of note; Miss Cameron, M.D. (McGill), has been appointed Tutor in English; Miss Brooks, B.A., also of McGill, Tutor in Mathematics; Miss Holmstrom has come to take charge of the gymnastic classes.

The University Library has recently been enriched by the purchase through the munificence of Sir William Macdonald, of the entire collection of the late Professor Otto Ribbeck, of Leipzig, the eminent latinist and philologist. This collection consists of some four thousand volumes and as many more dissertations.

The Medical Faculty is preparing to still further enlarge their building, so as to provide the increased laboratory accom-

modation rendered desirable by the advance now being made in laboratory instruction and the growth in the size of the classes. A fireproof stack room will also be provided for the library which has become exceedingly valuable.

There have recently been established in connection with the Pathological Department two research fellowships of the value of \$500 a year, tenable for two years with a possibility of re-election. One of these has been endowed by two governors of the University, the other by the Faculty itself. They are open to graduates not only of this university but of others in Canada or elsewhere. Dr. W. W. Ford, of Johns Hopkins, and Dr. J. McCrae, late Fellow in Biology of the University of Toronto, are the first two elected.

Dr. Wesley Mills, Professor of Physiology, has been granted a year's leave of absence to continue researches in Germany.

The new building for Mining and Chemistry which was built and endowed by Sir William Macdonald at a cost of considerably over half a million dollars and which was opened last fall is now in full operation.

A research fellowship in mining and metallurgy was created in March last under the name of the Sir William Dawson Fellowship. Mr. S. F. Kirkpatrick, B.Sc., McGill, has been appointed. He spent several months this summer visiting various cyanide works in the West and is now engaged in researches in this connection in the University laboratories.

F. W. Draper, S.B., of Mass. Institute of Technology, Professor of Metallurgy at the University of Missouri, has just been appointed Lecturer on Metallurgy and is expected shortly.

THE inauguration of Professor Benjamin Ide Wheeler as President of the University of California, took place on the campus at



Berkeley, Wednesday afternoon, October 25th. A special platform and open-air auditorium had been arranged, the skies were propitious and the ceremonies (lasting just two hours) were conducted amid great, and evidently genuine, enthusiasm.

Regent A. S. Hallidie (one of the governing body of the University since its establishment in Berkeley) presided, made the opening address, and invested Dr. Wheeler with the insignia of office. He was followed by President Jordan, of the Leland Stanford Jr. University, who gave a hearty welcome to the incoming President, and pledged the co-operation of the sister university. The Regents of the University of California had been singularly fortunate in securing the attendance of President Gilman, of Johns Hopkins, who some quarter of a century ago distinguished himself in the administration of the office upon which Dr. Wheeler is now entering. In his address, which followed Dr. Jordan's, President Gilman illustrated the growth of the University during the last twenty-seven years; and sketched in outline the more important developments in American university aims and methods during the same period. President Wheeler in his inaugural dealt largely with the possibilities of the university and its present most pressing needs. He emphasized the dependence of the president upon the co-operation of the regents, faculty and students, and the proud relation of the university to the State. The speech was a forceful and inspiring prelude to what is expected to be a most prosperous administration.

At the last meeting of the Board of Regents the resignation of Associate Professor H. T. Ardley, of the Department of Decorative and Industrial Art, and T. P. Bailey, Jr., Associate Professor of Education as Related to Character, were accepted. Among promotions may be mentioned those of Associate Professor A. C.

Lawson to the Professorship of Geology and Mineralogy, and of Instructors Kendrick C. Babcock and Thomas W. Page to Assistant Professorships in the Department of History and Political Science; also of W. L. Jepson from an instructorship to an Assistant Professorship in Botany, and of Instructor J. C. Merriam to an Assistant Professorship on Paleontology and Historical Geology. The title of Associate Professor Alexis F. Lange, of English Philology was altered to read English and Scandinavian Philology, a very important advance, since it assures the systematic correlation in future of philological courses in the languages concerned.

Several changes tending toward improvement were made in the personnel and organization of the Medical Department in San Francisco.

Of recent publications by professors the following may be mentioned: *Dionysos and Immortality*, by President Wheeler (Houghton, Mifflin & Co.); an edition of *Homer's Iliad, Bks. 19-24*, by Professor E. B. Clapp (Ginn & Co.); *The Methods and Materials of Literary Criticism*, by Professor C. M. Gayley (with Prof. F. N. Scott, University of Michigan); Vol. I., *The Bases in Aesthetics and Poetics* (Ginn & Co.); *California Fruits* (third edition), by Professor E. J. Wickson (Pacific Rural Press, San Francisco); an edition of Johann Gottfried Seume's *Mein Leben*, by Professor J. H. Senger.

The number of undergraduates entering this term is 518; of graduates, 110. The total number of graduates in the University is 160; of students in Academic Colleges 1,775; of students in the University, 2,525

THE registration of students in the university this year far exceeds the record for any previous year at the same date. On October 17th the numbers in the several departments were as follows:

Literary department, . . . . .	1,279
Law department, . . . . .	782
Medical department, . . . . .	469
Engineering department, . . . . .	268
Dental department, . . . . .	246
Pharmaceutical department, . . . . .	75
Homœopathic department, . . . . .	68
Total, . . . . .	3,187

The following changes have taken place in the faculties of the various departments: George Hempl, Professor of English Philology and General Linguistics, will temporarily supervise the Department of German, to fill the vacancy caused by the death of Professor Hench; Dr. Chas. H. Cooley has been made Assistant Professor of Sociology instead of Psychology, as was incorrectly given in our note for September. Other promotions are: John R. Allen, from Instructor to Assistant Professor of Mechanical Engineering; Dr. Louis P. Hall, from Instructor to Assistant Professor of Dentistry; Moses Gomberg, Sc.D., to be Assistant Professor in Organic Chemistry.

Among the new instructors in the university this year are: J. A. C. Hildner, Ph.D., German; John Dieterle, A.B., German; Thos. E. Oliver, Ph.D., French; Christian F. Ganss, A.M., French; Arthur L. Cross, Ph.D., history; Herbert S. Jennings, Ph.D., S. J. Holmes, Ph.D., and Karl W. Genthe, Ph.D., zoology; Dr. James R. Arneill, clinical medicine; Dr. R. C. Bourland, anatomy; Benjamin F. Bailey, B.S., electro-therapeutics; H. C. Anderson, M.E., mechanical engineering; E. C. Sullivan, Ph.D., organic chemistry; G. A. Hulett, Ph.D., general chemistry; Dallas Boudeman, M.S., law.

Among the gifts to the general library of the university during the past year was one from the Turkish Government made through President James B. Angell, ex-Minister to Turkey. It consisted of 168 volumes used for instruction in the primary schools of that country. The books are all in the Turkish language.

A large and valuable collection of paintings of the fishes inhabiting the fresh and salt water about Japan has just been presented to the museum of the university by Frederick Stearns, of Detroit. The paintings are in water colors and are the work of a Japanese artist.

The contract for erecting the building for the new homœopathic hospital has been let for \$48,670. This does not include heating, lighting nor any part of the equipment. The site, which is near the northeast corner of the campus, was a gift to the university from the city of Ann Arbor, which purchased it at a cost of \$17,000.

An earnest effort is being made to introduce the Phi Beta Kappa society into the University, and while nothing definite can be accomplished until the next meeting of the senate of the society in the summer of 1901, there seems to be abundant work to do in overcoming opposition within the university itself. The only real difficulty lies in the adoption of a method of choosing the members of each graduating class entitled to election. As the university has no grading system, it will devolve upon the alumni of the society, who shall be members of the faculty, to choose the candidates according to their personal estimate of the scholarship, ability, etc., of the individual members of the class. This would be a method satisfactory to all, if there were even a moderate number of members of Phi Beta Kappa on the faculty of the literary department of the university. Just at present there are only about 14 members of the society located here, so that some other plan of choosing members for the first few years will probably be found necessary.

The Students' Christian Association of the university is especially prosperous this year. They have received over 100 new members during the first month, making a sum total of about 600 now enrolled.

THE university tendered a reception and luncheon in Houston Hall to the foreign delegates and visitors of the International Commercial Congress. Among notable persons present were a number of College and University Presidents. Professors Falkner, Johnson and Lindsay, of the Faculty, presented papers at the Congress.

An important change has been made in the Department of Archæology and Ethnology by the appointment of Mr. Stewart Culin, who has hitherto been connected solely with the Archæological museums, as Lecturer in American Archæology and Ethnology in the Faculty of Philosophy and by the extension of the title of Professor H. V. Hilprecht, so as to include Assyrian Archæology, and of the title of Dr. W. N. Bates to that of Instructor in Greek Language and Classical Archæology. By this arrangement the great collections of the museums are brought into direct service for purposes of graduate instruction.

The plan of raising a National German Publication Fund for the publication of original documents and investigations bearing on the history of German and American relations has taken definite shape. The first contribution has been made by Mr. Heinrich Conried, of the Irving Place Theatre, New York, who will bring his Artists Troupe from New York and perform two German plays for the benefit of the Fund under the auspices of the university. The first play is Lessing's *Minna von Barnhelm*, given in the Academy of Music, Tuesday evening, December 5th, and the second to be chosen from the contemporary German drama and to be given later in the season. All persons interested in the history of the Germans in America are requested to send contributions, communications or other documents to M. D. Learned, Secretary of the National Committee, University of Pennsylvania.

The late Mr. Carl Edelman, of Philadelphia, bequeathed in his will the sum of \$1,000 to the American Section of Archæology to be applied to excavation in the United States or Mexico.

A unique collection has recently been purchased from Mr. Theodore Bloch, for many years actively connected with the German stage of Philadelphia. The collection contains the Souffleur copies together with the manuscript rôles assigned to the actors, as well as much other material bearing upon the history of the drama in Philadelphia, which is now being written by O. F. Lewis, Fellow in Germanics.

In the Library the work of recataloguing and classification is nearing completion. A number of important accessions have been recently received; among them: *Nouvelles Archives des Missions Scientifiques et Littéraires*, presented by the French government, and 423 additional volumes of the *British State Papers* from the British government. Through the generosity of a German banker of Philadelphia the sum of \$1,000 is being applied to the purchase of books on finance. In response to a request of Provost C. C. Harrison. Messrs. Lea Brothers & Co., publishers of Philadelphia, have donated to the Library a practically complete set of their publications and Messrs. P. Blakiston Sons have begun to donate a similar set of their publications. It is likely that other publishers will do the same.

The recognition and organization of Departmental Libraries has made marked progress in the equipment of rooms in the Library Building for this purpose. It has long been the experience of university men that the Departmental Library should be as near as possible to the book-stack. By the recent arrangement, the following departments are being housed contiguous to the main collection of the Library. History and Economics, Music, Pedagogy, Psychology and Ethics, Germanics, Ro-

manics, Latin, Hebrew and Assyrian and Mathematics.

Professor H. V. Hilprecht has sailed for the Orient to spend the winter in Nippur, studying the results of the archæological excavations there.

Professor Morris Jastrow, Jr., has just returned from the meeting of the Orientalists in Rome, where he represented the University.

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THE annual report of the president—or rather of the presidents, for it is signed **Cornell.** jointly by President Schurman and by Dean Crane, who was acting president for seven months while Dr. Schurman was in the Philippine Islands—records a year's steady work and all-round progress. The attendance, aside from the new Medical School, is shown to be slightly larger than in 1897-98, in spite of the fact that entrance requirements have been steadily advanced since 1894. Changes in the faculty have been few, but not unimportant. Men are counted in a census, but in the life of a community they must be weighed; and no reader of the eminently just remarks, on page nineteen of the report, regarding the growth of the Department of Greek under the guidance of Professor B. I. Wheeler will understand, unless he be acquainted with the man, the sense of loss that his transfer to the University of California has brought home to hundreds of Cornell students who never entered his class-room.

The numerous appendices of the report reflect the growing complexity of the university. To President Schurman's report for 1893-94 there were added only the list of appointments, a report from the dean of the general faculty, one from the dean of the faculty of law, and one from the librarian. In the present report the appendices have grown from four to sixteen. Each of the nine new teaching colleges established in the interval (counting the Summer Session as one) is now repre-

sented, together with the reports of the Warden of Sage College, which is merely a dormitory for women, and of the Registrar. Nearly five hundred titles of publications made by officers of the university during the year complete the list. All this does not mean that the university is fourfold as large as it was in 1894, or fourfold as busy. On the contrary less than half the colleges have come into existence since that date. Three of them however, were inaugurated during the past year, and to those a word of mention is given here.

The Cornell Medical College in New York city is formally an adjunct of the university, or perhaps the university itself, as becomes a country school, but a convenient appendage of the metropolitan school of medicine. In either event it is doubtful, so closely do the estranging hills shut Ithaca in, whether the very existence of the Medical College has as yet penetrated the rural consciousness of pre-existent Cornell. Time and the further growth of that portion of the medical work which is given at Ithaca as well as in New York may eventually produce a more organic connection between the city and the country college. But at present the university has hardly begun to make the acquaintance of its newly-adopted child.

The New York State College of Forestry, on the other hand, is really established at Ithaca, although its students are expected to resort, in the spring term, to the "demonstration area" in the Adirondacks. The need for such instruction as this college gives has long been recognized, and while it is not expected or desired that any large number of students should register in this college until the profession of forester, for which it prepares, has become more firmly established in the United States, it seems probable that a wise providence on the part of the State, as the largest owner of Adirondack timber lands, may soon call for its graduates to manage public forests. Certainly the unintelligent provision of the

present State Constitution cannot continue to regulate them indefinitely.

The Summer Session, which has taken the place of the former semi-private "summer school" bids fair to effect a far greater immediate modification of academic activities at Cornell than either of the new colleges just mentioned. Its primary object is to offer to teachers in high schools and academies instruction of high grade in all the subjects commonly taught in their schools. To that end fixed salaries were paid by the trustees instead of the contingent share in fees that had fallen to the instructors under the old method, and in this and other ways the heads of numerous departments were persuaded to participate. The direct result abundantly justified the change. Nearly five-sixths of the four hundred and twenty-three students during the summer were teachers, and President Schurman says that "there is little difference of opinion among all connected with the Session, whether pupils or instructors, as to the great success of the undertaking." What its ultimate effect upon the regular teaching in term time, or upon the scientific and literary activity of the faculty may be, it is not easy to say. At Cornell, as elsewhere, many men have heretofore devoted a large portion of their summer "vacations" to such uninterrupted study or research as is impossible among the daily distractions of the lecture room. To some of them six weeks' additional teaching each summer may mean the loss of time necessary to their best work.

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THE new appointments on the Bryn Mawr faculty for the year 1899-1900 are as follows: Dr. Albert Bryn Mawr. P. Wills, to be Associate in Applied Mathematics and Physics. Dr. Wills received the degree of S.B., from the Worcester Polytechnic Institute in 1890 and that of Ph.D., from Clark University in 1895. Since that time he has

been studying in the universities of Berlin and Göttingen. Dr. Allerton S. Cushman to be Associate in Chemistry. Dr. Cushman graduated from the Worcester Polytechnic Institute in 1888, with the degree of S.B., and received that of Ph.D., from Harvard in 1898. In the interval, 1888-98 he studied at Heidelberg and held the position of Instructor in Washington University. Dr. Robert Somerville Radford, to be Associate in Latin Literature. After his Ph.B. at the University of Virginia, Mr. Radford taught in the Academy of Northwestern University and then became graduate scholar at Johns Hopkins, taking his Ph.D., there in 1895. Since that time he has been Instructor in Latin in Washburn College. Dr. Hollister Adelbert Hamilton, to be Lecturer in Greek. Dr. Hamilton's Academic record is as follows: University of Rochester, A.B., 1892; student, University of Chicago, 1894; Instructor in Greek and Latin, University of Rochester, 1894-96; Graduate Scholar, Johns Hopkins University, 1898-99; Ph.D., Johns Hopkins University, 1899. Dr. Joseph Clark Hoppin, to be Associate in Classical Art and Archæology. Mr. Hoppin graduated from Harvard in 1893 and went at once to the American School at Athens. He studied during alternate semesters here and at the University of Munich until 1897, when, after receiving the degree of Ph.D., at Munich, he became Lecturer on Greek vases at Athens. In 1898 he went to Wellesley as Instructor in Greek Art. Dr. Albert Schinz, to be Lecturer in French Literature. Dr. Schinz, after his graduation at the University of Neuchâtel of which town he is a native, studied in Germany and took his degree of Ph.D., at Tübingen. He then became *professeur agrégé* at Neuchâtel. Later he came to America and studied at Clark University. He has been Professor of French since 1897 in the University of Minnesota. Dr. Schinz will give Dr. Fontaine's work dur-

ing this year, the latter having a year's leave of absence during which he will study in the British Museum. Dr. Schinz will remain in the French department after Dr. Fontaine's return. Miss Mary Helen Ritchie, to be Secretary of the College. Miss Ritchie took the degree of A.B. at Bryn Mawr in 1896, that of A.M., in 1897, and that of Ph.D., in 1899. During 1898-99 she was fellow in Latin. Miss Julia Anna Hopkins, to be Assistant Librarian. Miss Janette Trowbridge, to be Assistant in the Gymnasium. Miss Margaret Hill Hilles, Bryn Mawr, A.B., 1893, to be mistress of Merion Hall. Miss Hilles' appointment continues the policy of appointing as heads of the residence halls women of academic training. Miss Frances Lowater, who has been acting as Secretary to the College for the year 1898-99 now returns to her position of Demonstrator in Physics. Miss Lucy Martin Donnelly returns to the English Department after a year's leave of absence. Miss Mary Delia Hopkins, who was Reader in English, 1897-98, returns to the position. In addition to Dr. Fontaine's leave of absence, noted above, others have been granted as follows: Dr. Herbert Weir Smyth, Professor of Greek, goes to take charge of American School at Athens, 1899-1900. Miss Helen Whitehall Thomas, Reader in English, is to spend a year in private study. The following appointments of Fellows to the College are additional to those made in the spring: Fellow in History: Ruthella Bernard Mory, A.B., Woman's College of Baltimore, 1897; student at Oxford, 1897-98; and University of Chicago, 1898-99. Fellow in Philosophy (psychology), Mary Kent Isham, A.B., Wellesley, 1894; A.M., University of Cincinnati, 1898; student, University of Chicago, 1898-99.

An important decision has been made by the college to the effect that no undergraduate student shall be allowed to live outside the College halls unless she lives

with her immediate family. The ideal set before the College seems attainable only through academic community life and even with the prospect of being forced soon to refuse students (unless another hall of residence be given the college) the authorities feel that even such a sacrifice should be made for the sake of the end in view.

The freshman class numbers one hundred and three, representing twenty-three states, fifty-seven schools and eleven churches and denominations. Its median age is eighteen years and seven months.

New courses are offered by Dr. Wills in applied mathematics and in dynamics; by Dr. Hoppin in Pausanias, two courses; by Dr. Barton in Biblical Archaeology, by Dr. Radford in Latin Satire; by Dr. Hamilton in Aristophanes, and by Professor C. D. Ashley, Dean of the Law School of New York University, in History of Contract. This last course is given in response to a desire of some of the students of political science and of history to have some work in the principles of law. It is the wish of these students that a group should be formed of the principles of law with one or both of the other subjects, but the College has not as yet decided to do this.

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THE opening of the technical schools, filling out the full circle of collegiate activity, has left the University secure of the attendance of three thousand students and hopeful of a few additional hundreds to improve the record by the close of the year.

The question of admission to the University, the occasion of much debate, has been brought at last to an harmonious decision, the regents approving the proposals of the faculty and the faculty formulating the new plan into precise and explicit words for the coming catalogue. Inspection by committee will check the laxity of those schools which, lying outside of the

territory of the State High School Board, have enjoyed the privilege of sending their graduates without examination to the University.

The elevation of the curriculum is the object of another noteworthy change. The departments of French and German, in compliance with necessities resulting from frequent instances of scanty preparation for the modern languages, have hitherto consented to teach these students the rudiments of French and German in the University. It is now proposed to withdraw this privilege. For the year 1901, students will be allowed to make up only the second year entrance work in either of these languages at the University; for the year 1902 and all ensuing years nothing less than full preparation outside of the University will be accepted as a basis of admission.

The College of Engineering and the Mechanic Arts, from which not long ago the School of Mines was detached for reorganization as a separate department, is an energetic and hard working part of the institution, in close relation with the College of Science, Literature and the Arts. The two faculties, indeed, which formerly met and legislated in common, were divided some years ago, but in several particulars the curricula and the teaching force are identical, and the close vicinity of the buildings occupied is a strong contribution to the friendliness of the colleges. The revolt of the liberal spirit in specialized schools against a narrow and undiscerning technicality has taken, in this branch of the University, the form of larger offers in the shape of liberal studies. In place of four years of pure, or nearly pure, technique, the student may take at his own option a course of five years, enlarged and enriched by a greater infusion of humane and liberalizing studies, leading to the degree of bachelor of science in engineering at the end of four years and to the professional degree at

the end of the fifth. The course in mechanical engineering has been recently revised, with the effect of distributing the work more equally and conveniently throughout the course, of reducing slightly the quantity of shop work, and materially improving and expanding the study of machine design, advanced laboratory work and practical experiment upon the steam engine.

The College of Medicine and Surgery was opened in September by an address from Dr. J. E. Moore, a member of the faculty, on "The True Professional Spirit." Theregistration at the opening of the school was large, a slight falling off in numbers being offset in the eyes of the friends of the college by a higher grade of preparation. The decrease in the number of condition examinations is an evidence of the fact that the great difficulty of exacting from the novitiates in the professional schools a fit amount of general preparation is capable of ultimate solution.

The Graduate Department is to receive this year the honor of an individual bulletin. In addition to the single catalogue for all departments the University has lately undertaken the issue of short, frequent and special bulletins for the respective colleges and schools. The Graduate Department, which has always been more or less kept back or crowded out by the crying needs and growing numbers of undergraduates, and which has grown up rather from sheer strength of nature than by any cradling or fostering from the higher powers, has now reached the distinction of a separate bulletin. Its work, though quiet and unaided, has been steady and useful, and it numbered last year one hundred and ninety-five members. Its students include candidates for seven degrees—doctor of philosophy, doctor of civil law, master of arts, master of science, master of literature, electrical engineer, master of laws.

The resignation of Lieutenant (now

Colonel) Leonhauser from the supervision of Military Science and Tactics at the outbreak of the recent war induced the Board of Regents to entrust the management of military drill for the year just past to a member of the student body. The experiment proved so satisfactory that it has been repeated for the present year, Mr. Edward Wiltgen being designated as chief of the battalion. The interest in athletics has displayed this year a signal renovation. The dedication of new athletic grounds, which were named at the desire of the students Northrop Field, on the grounds of the University on November 4th, gave occasion for some interesting ceremonies and some brief, earnest words from the President and others on behalf of clean and honorable athletics. The promoters of this branch of college enterprise have reason to be proud of the degree to which they have awaked and enkindled the enthusiasm of a faculty and student body hitherto a little deaf to such appeals.

THE exercises began on September 27th. Some changes have been made in the **Massachusetts** faculty. Adolph **Institute of** Rambeau, Ph.D., **Technology.** has been made Professor of Modern Languages and placed in charge of the department; Arthur A. Noyes, Ph.D., formerly Associate Professor of Organic Chemistry has been made Professor of Theoretical and Organic Chemistry; Jerome Soudericker, C.E., formerly Assistant Professor of Applied Mechanics has been made Associate Professor of Applied Mechanics; Allyne L. Merrill, S.B., formerly Assistant Professor of Mechanism, has been made Associate Professor of Mechanism; Edward F. Miller, S.B., formerly Assistant Professor of Steam Engineering has been made Associate Professor of Steam Engineering; Carleton A. Read, S.B., formerly an instructor in mechanical engineering, has left to take charge of the mechanical engineering department

in the New Hampshire college at Durham; George V. Wendell, Ph.D., has returned from three years study in Germany and resumes his duties as Instructor in Physics; Frederic H. Keyes, S.B., and Alexander W. Moseley, S.B., have left to take up professional work; Frederick A. Hannah, S.B., has accepted a position in the mechanical department of the Brooklyn Polytechnic Institute; Capt. John Bordman, Jr., Instructor in Military Science is on his way to the Philippines with the Twenty-sixth United States Infantry, of which he is the regimental adjutant; Myran L. Fuller, Assistant in Geology, has been made instructor.

The following men have been made Assistants: Henry E. Andrews, A.B., in English; Alvan L. Davis, S.B., in mining engineering; F. L. H. Kimball, S.B., in mining engineering; Miles S. Sherrill, S.B., in analytical chemistry; Etheredge Walker, S.B., in mining engineering; William S. Newell, S.B., in mechanical engineering; George H. Riker, S.B., in mechanical drawing and Frank R. Swift, in mechanical engineering.

Professor Rambeau's family is French, but he was born and educated largely in Germany, studying at the Gymnasium of Wittenberg, classical, romance and Germanic philology at the universities of Halle and Marburg and French literature, phonetics and dialectology at Paris. He received the degree of doctor of philosophy at Marburg in 1877, passed the "examen profacultate docendi," in 1878 and lectured on English grammar and literature at the University of Marburg in 1878 and 1879. He was afterwards professor of English and French at the Wilhelm Gymnasium at Hamburg. During the past six years from 1893, until his appointment to the Institute, he has been Associate Professor of Romance Languages at the Johns Hopkins University.

The most prominent of his numerous publications are his doctor's dissertation



on the assonance of the Old French *Chanson de Roland*, a book highly appreciated by workers in the same field; a treatise upon Chaucer's *House of Fame*, an edition of Adam de la Holi's dramas (thirteenth century) and *La Chrestomothie Française*, with phonetic transcriptions and an introduction upon the phonetic method, which he published with Jean Possy. He has contributed valuable papers to many periodicals, among them *Modern Language Notes*, and is joint editor of *Nouveau Sprachen*. He has written forcibly and well on the teaching of languages with especial reference to the difficult subject of phonology. Dr. Rambeau combines in a high degree the qualities of a successful teacher and of a distinguished original scholar.

Lieutenant James Hamilton, U. S. A., has been appointed as Instructor in Military Science.

Lieutenant Hamilton was graduated from the United States Military Academy at West Point in 1890. He served as a lieutenant of artillery until his retirement in February, 1898. He was detailed and later received a diploma for a special course of instruction at the U. S. Engineer School at Willet's Point, New York, in 1894. While on leave of absence, during the school year of 1896-7, he studied at Sibley College, Cornell University. After his retirement from active service, he took the degree of LL.B. at the Law School of the Boston University. He was a member of the Military Service Institution, an associate of the U. S. Naval Institute, and a member of the American Society of Mechanical Engineers, and an associate of the American Institute of Electrical Engineers.

The entrance examinations have been held this year at the following points: Albany, N. Y.; Boston, Mass.; Buffalo, N. Y.; Chicago, Ill.; Cincinnati, O.; Cleveland, O.; Concord, N. H.; Denver, Colo.; Detroit, Mich.; Exeter, N. H.;

Indianapolis, Ind.; Kansas City, Mo.; Louisville, Ky.; Maanhus, N. Y.; New York, N. Y.; Philadelphia, Pa.; Pittsburg, Pa.; Portland, Me.; Poughkeepsie, N. Y.; St. Louis, Mo.; St. Paul, Minn.; Springfield, Mass.; and Washington, D. C. The total registration, 633, is 78 more than last year, and the largest in the history of the Institute. Of these 261 are preliminary applicants for admission in 1900. A continually increasing proportion of applicants divide their examinations between two successive years. Entrance examinations are also held in Boston in September.

Every year a considerable portion of the students entering is made up of those who have graduated from, or have studied at colleges or universities. These students are usually prepared to begin immediately upon the professional work of the course which they choose.

This year there are in all 52 such students, of whom 13 are from Harvard. Nine are graduates of Harvard, five of Brown, three of Yale, and two of Amherst, while the following institutions are represented on the list of students by a single graduate each: California, Columbia, Cornell, McGill, Maine, Michigan, Minnesota, North Carolina, Princeton, Rochester, Southern Presbyterian and Vermont Universities, Acadia, Beloit, Bowdoin, Colorado, Dartmouth, Lafayette, Robert- (of Constantinople), Randolph, Macom and St. Joseph's Colleges, Worcester Polytechnic Institute and the Académie de Neuchâtel.

A group of 11 of these students has entered the course in electrical engineering, the next largest, a group of nine, that in chemistry; while the courses in civil, mechanical and mining engineering have each been chosen by six college students. A considerable proportion have entered the courses of architecture and sanitary engineering.

An entire alcove has been assigned at the World's Fair at Paris to the exhibit of

the Institute. The walls will be devoted to architectural sketches and plans, with photographs of the buildings, and the table and wing frames given to a display of photographs and charts showing the course schemes and processes of instruction in class room and laboratory. Circulars and pamphlets printed in English, French and German and illustrative of the American methods of technological instruction will be distributed freely.

THE inauguration of Arthur Twining Hadley, LL.D., as president of the university was significant as indicative of the future policy of the new administration toward the educational and social problems arising within the University itself and toward the larger problems of our national life.

The gathering of distinguished men representative of the government, city, state and nation, and of our educational interests, school college and university was in every way worthy of the event. Yet notwithstanding the presence of this very distinguished body of men, the central figure of the day was the incoming president and the dominant thought of the occasion was expressed by the inaugural address. If any expected radical statements or revolutionary propositions, they were doomed to disappointment. The address was wise, confident and decided, because it was conservative of the best of the old as well as of the new. In treating of the problems of modern university education, President Hadley showed the same keenness of analysis, the same power of generalization, that has characterized in so marked a degree his work as a teacher and writer upon economic and political questions. The disturbing elements in the problem arose, he said, as a consequence of the development of the professional school and the extension of the curriculum with the consequent rise of the elective system. These disturbing factors have in their turn given rise to certain other prob-

lems which menace both the college education and the college spirit. "The central problem, which we all have to face and about which all other problems group themselves, is this: How shall we make our educational system meet the world's demand for progress on the intellectual side, without endangering the growth of that which has proved most valuable on the moral side?" This main problem President Hadley treats in four parts: (1) the problem of entrance requirements, (2) the problem of college expenses, (3) the problem of common college interests, (4) the problem of university organization stated in very brief terms, President Hadley holds in regard to these problems, (1) that the college must continue to take part in the work of character development rather than relegate that part of a liberal education to the secondary schools; (2) that the colleges must keep down expenses so far as is possible by providing substantial dormitories where students may live at moderate cost make the college ideal of college life one "of plain living and high thinking" and above all grant college aid to needy students only for service rendered which may be either that of faithful and distinguished work as scholars or what is capable of much more indefinite extension, that of rendering service to the college and to the community; (3) the religious life of the college must be fostered not only as a center of Christian faith but of common college interests; time-honored traditions should not be lightly abandoned; college athletics must be kept free from any taint of professionalism even where the professionalism is so subtle that it is manifested only by a preference for a victory won through dishonorable means to a clean defeat; (4) that in the future co-ordination of the departments of the university, free discussion is absolutely necessary in order that in such co-ordination as may be effected there may be no waste of the effectual resources of the university as they

exist to-day; the general conclusion in regard to the method of the future organization of the University deserves quotation in full: "In the English universities the teaching is in large measure done by the several colleges, while the examinations are, with very few exceptions, the affair of the university. It seems probable that the development of Yale in the future may be just the reverse of this; the several colleges taking charge of the examinations and of those more elementary studies whose control naturally connects itself with the control of examinations, while the distinctively teaching appliances come to a constantly greater extent, into the hands of the university authorities. Under such a system we should have a well ordered scheme of local government, where each department could make its own rules, prescribe the condition of entrance and graduation and be subject to the minimum of interference from without; but where at the same time the instruction would be so ordered that students whose course lay under the control of one faculty could yet enjoy to the fullest possible extent the teaching provided by another, and where, as the subject of study became more and more advanced, the distinction of separate faculties or colleges would disappear altogether.

The election of a layman to the presidency of the university has naturally been followed by a change in the method of conducting the chapel exercises. For the present academic year the Board of College Chaplains consists of Professor Bernadotte Perrin, chairman, Professor A. M. Wheeler, Professor J. C. Schwab, Professor E. H. Sneath, Assistant Professor W. L. Phelps, Assistant Professor C. S. Baldwin. Each chaplain conducts the chapel exercises for a period of six weeks during the college year. An attempt to enrich the service by the use of responsive readings and responsive chants by the vested choir was attacked from several quarters as savoring of ritual-

ism and, owing to such opposition, has been abandoned.

Following close upon President Dwight's resignation came those of his administrative officers, Professor Franklin B. Dexter, Secretary of the Corporation, and Mr. W. Farnam, the college treasurer. Thus upon the Corporation was thrown the responsibility of forming an entirely new administration. The election of Mr. A. P. Stokes, Jr., Yale, '96, to the secretaryship was announced at the last Commencement and met with unqualified approval. The position of treasurer was left vacant for a time, Mr. Farnam having consented to serve till January 1, 1900, in order that no mistake might be made in filling this important position. The final selection of Mr. Morris F. Tyler, as college treasurer, makes President Hadley's cabinet complete and assures the success of the new administration. Professor Tyler holds the Professorship of General Jurisprudence in the Law School, but is better known as the President of the Southern New England Telephone Company. He is a man of wide culture, varied talents and great business sagacity. His acceptance of the trust ensures a wise management of the finances of the University.

Since the issue of the last general catalogue in December, 1898, the Yale Faculty has lost by death the Rev. Professor Samuel Harris, of the theological faculty; Professor O. C. Marsh and Professor Jules Luquiens, of the academic faculty, and Professor James Campbell, of the medical faculty. By resignation, Dr. Frank Strong, now President of the University of Oregon; Dr. W. A. Adams, now Assistant Professor of German in Dartmouth College; Dr. Harlan Creelman, now Professor of Old Testament Language and Literature in the Congregational College of Montreal; Dr. Albert B. White, now Instructor of History in the University of Minnesota. Some of the more important additions to the University faculty are: Robert L. Sander-

son, Instructor in French, Milton B. Porter, Ph.D., Instructor in Mathematics; Edward V. Raynolds, Instructor in Debating; Rev. Henry Davies, Ph.D., Lecturer on the History of Philosophy; Walter M. Patton, Ph.D., Instructor in Semitic Languages; Clive Day, Ph.D., Instructor in Political Economy; Edward P. Collins,

Ph.D., Instructor in History; Jay D. Eldridge, B.A., Instructor in German.

The Lyman Beecher lectures on preaching were given in October on "Modern Puritanism," by the Rev. John Brown, of Bedford, England. The W. L. Storrs lectures on Jurisprudence will be given in April by the distinguished French jurist, Dr. Jacques Dumas.

### Notes and Announcements.\*

FOLLOWING two recent works on kindred topics, E. P. Dutton & Co., promise *Point and Pillow Lace*, by A. M. S., with many facsimiles of specimens.

Mr. Charles Francis Adam's *Life of his Father*, Minister to England during the Civil War, is coming out immediately in the American Statesmen Series.

THE *Life of Phillips Brooks*, edited successively by the late Rev. Arthur Brooks and Prof. A. V. G. Allen, is now ready. It is published by E. P. Dutton & Co.

THE publishers tell us that two hundred and twenty thousand copies of *Richard Carvel* have been sold in five months. It is now in its twentieth edition.

Mr. W. W. Newell's translation of the *Sonnets* of Michelangelo is coming from the Riverside Press. The book contains also an introduction and Italian text of the sonnets.

PROF. FRANKLIN T. BAKER has performed a good service in editing for Macmillan's Pocket English Classics a selection of Browning's Shorter Poems: children need such an introduction to this master.

E. P. DUTTON & Co., have just issued a work called *The Romance of Our*

\* Publishers are requested to note that all literary announcements should be in the editor's hands not later than the 15th of the month. The subscription list of BOOK REVIEWS is one of 10,000 names. It circulates chiefly among the educational and professional classes and members of the book trade.

*Ancient Churches*, by Sarah Wilson, with nearly 200 illustrations by Alexander Austed. Those interested in the Ancient Churches of England will find much to please them in this attractive book.

MR. PAUL LEICESTER FORD's edition of *The Writings of Thomas Jefferson* (Putnam) is now completed with the publication of the tenth volume. The letters and other writings of the closing decade (1816-1826) of Jefferson's life are here printed, and the entire work is provided with an elaborate index.

Messrs. Dodd, Mead & Co., are to be the American publishers of Mr. Swinburne's *Rosamund, Queen of the Lombards*, and this interesting announcement is supplemented by the still more interesting one that the same publishers are preparing "a new edition of Swinburne's complete poems, revised and rearranged by the author."

THERE be few who may possess the *Golden Legend* of Jacobus de Voragine in any of its fifteenth or sixteenth century editions, or in the sumptuous reprint of the Kelmescott Press. But the pretty little volume of *Leaves from the Golden Legend* (Dutton) which has just been edited by Mr. H. D. Madge is within the reach of the slenderest purse, and suffices to give a fair idea of one of the most popular books of the Middle Ages.

Two books which are of some importance to Bible students, and Sunday-school superintendents are Professor Shai-

ler Mathews' *History of New Testament Times in Palestine* and Professor Marvin R. Vincent's *History of the Textual Criticism of the New Testament*, have just been issued by The Macmillan Company. Professor Mathews' book should prove useful as an introduction to the Sunday-school Lessons of 1900-1901.

IN Mr. Gollancz's Dent-Macmillan Temple Classics—volumes still for the pocket, but a shade longer than the foregoing—we have once more the *Compleat Angler* based on the fifth edition of 1676, and cared for with marginalia and notes by Mr. Austin Dobson, who has selected Huysman's portrait of Walton in the National Gallery for a frontispiece. Along with this goes Lodge's translation of Seneca *On Benefits*, edited by W. H. D. Rouse, and with the spelling modernized.

*Webster's Collegiate Dictionary* (Merriam) is a volume of more than a thousand double columned pages, abridged, of course, from the greater *International*. It has many illustrations. There is one feature peculiar to this edition in the shape of a glossary of Scottish words and phrases designed for the guidance of "kailyard" readers. As one authority remarks, this work is "first class in quality and second class in size," which epigram may be taken for a sufficient description.

AMONG some two hundred curious illustrations for her new book on *Child Life in Colonial Days* Mrs. Alice Morse Earle has collected a series of about thirty miniatures of children. The quaintest groups imaginable are some of them. As in her *Home Life in Colonial Days* so in this new book, Mrs. Earle has brought together a large collection of material gathered from the presses and garrets, the picture galleries and heirlooms of old families who have kept together during the past two hundred years. The Macmillan Company publishes the book.

SHORTLY to appear with Messrs. Harper's imprint are *Monopolies and Trusts*, by Prof. Richard T. Ely, of the University of Wisconsin; *Expedition to the Philippines*, by Frank D. Millet; *Historic Side-lights*, by Howard Payson Arnold; *Jane Eyre*, the first volume in the *Haworth Bronzé*, edited by Mrs. Humphrey Ward

and Mr. Clement Shorter; *A Confident To-morrow*, by Professor Brander Matthews; and a series of dainty Christmas books, in silver and blue, containing each the best "long short story" of some well-known American author.

Bernardino Luini is the subject of a good monograph by G. Williamson in the series of Great Masters in Painting and Sculpture. (The Macmillan Co.) Luini's adventurous life is full of mystery, and this book in its conscientious research only deepens the obscurity in many cases. Still the progress that it marks is not always nor wholly negative. The artistic criticism is cautious and discriminating. Its results are summarized in a critical catalogue of forty two pages, with which the volume closes. There is a good bibliography and forty successful reproductions of Luini's most noteworthy work.

THE MACMILLAN COMPANY are issuing a little book *On the Theory and Practice of Art-Enameling upon Metals* by H. Cunyngame. Good drawings of the apparatus and methods are given, as well as colored illustrations of enamel work. As the making of enamels is almost a secret industry it has rarely been open to amateurs or artists generally, and it is the author's hope that such a beautiful and lucrative art-craft shall be the more widely encouraged by the publication of its so-called trade secrets together with very complete explanations and instructions.

A NEW series of scholarly monographs under the title of *Columbia University Studies in Literature* has been begun with an interesting and important volume by Mr. Joel Elias Spingarn, entitled *A History of Literary Criticism in the Renaissance*. Mr. Spingarn's sub-title indicates the main value of his work to scholars. He pays special attention "to the influence of Italy in the formation and development of modern classicism." Admirers of Sir Philip Sidney's *Defence of Poesy* will find it particularly worth their while to consult Mr. Spingarn's volume, which maintains a high level of scholarship.

THE very considerable audience reached by such distinctly American books as *Richard Carvel* now in its two hundred and twentieth thousand within six months

of publication, and *The Choir Invisible* of which more than a quarter of a million have been sold, augurs well for the establishment of a new feeling for a national literature and nothing probably has done so much to bring about so excellent a result as the passage of the recent American International Copyright Act, removing as it did the unfair competition of pirated editions of foreign works under which our younger writers suffered so severely.

*Bird Lore* for December announces the inauguration of a new plan in self-educational work which cannot fail to be of assistance to the many hundreds of bird students who are pursuing their studies with no other guide than a text-book. An Advisory Council has been formed, composed of over fifty prominent ornithologists, residing throughout the United States and Canada, who have consented to respond to requests for information or advice. Students are thus placed in direct communication with an authority on the birds of their region, whose aid will materially simplify the problems which beset the beginner.

In a letter written by Mr. Egerton Castle to a friend in New York he says that under the literary phantasy of their garb, all the characters in *Young April* from the King to the Philosopher are personages who were still living in the middle of this century, men and women whose doings and adventures had in days gone by been recounted to the author by one who had known them all, some of them intimately—namely by the author's own father. The names of the actors are, however, disguised, the dates suitably altered, and the exact situation of "the Germanic Confederation Kinglets"—as the irate Guardsman has it—is left vague with a purpose.

CASELL & Co., announce a Complete Illustrated Catalogue of the Paintings in the National Gallery, London, edited by Sir Edward Poynter, President of the Royal Academy and Director of the National Gallery. It will be issued in three volumes containing about 1,060 pages of text and between 1,300 and 1,400 illustrations. Every picture has been specially photographed for this work by Edwin Bale, R. I. Volumes I. and II., will deal with

the Old Masters (Foreign Schools), and will be published in December; the third, in the autumn of 1900. 250 of the 1,000 numbered copies are assigned to the United States. The size will be convenient (12¼ x 8¼ in. for the paper).

In January The Macmillan Company will bring out a novel by Minna Caroline Smith. She gives it the title of *Mary Paget: A Romance of Old Bermuda*. The time is that of James I., and the historic frame to the story is the shipwreck of the "Sea Venture" which inspired Shakespeare with his theme for *The Tempest*. Mary Paget is a beautiful girl whose love story in the isolation of "the still vexed Bermoothes" is complicated by the struggle there between the Established Church and Puritanism. The interplay of loyalty and religion under the interference of Master Dwight and the leading Puritans forms the motive of the plot of the story which is told by the heroine in her simple and direct narrative.

COMMENTING in the London (Eng.), *Daily News* on Dr. Horace White's translation of *The Roman History of Appian of Alexandria*. Andrew Lang says: "For his ill-used author Dr. White has done his very best, in the way not only of translation, but of introduction, pictorial illustrations, notes and index. The very last fragment of Appian is not the least interesting. He shows how he was saved from the Jews by an Arab who took a warning from the croakings of a raven. The third croak was lucky, 'We are lost,' said the Arab, 'for our own good, and we shall find our road.' Even so it befell, and, but for this coincidence, Dr. White might never have had a chance to perform his conscientious and valuable labor of love."

CHARLES SCRIBNER'S SONS have just issued in two volumes *The Letters of Robert Louis Stevenson*. We now hear that the work largely consists of new matter which has never been published in any form. The volumes contain not far from five hundred letters, being nearly twice the number that have appeared in *Scribner's Magazine*. They include letters to many of the most eminent literary men and artists of the generation, among them being, besides Mr. Sidney Colvin, the editor, P. G. Hamerton, J. A. Symonds,

F. Locker-Lamson, William Morris, Will H. Low, Augustus St. Gaudens, Henry James, Edmund Gosse, W. E. Henley, Cosmo Monkhouse, Theodore Watts-Dunton, J. M. Barrie, S. R. Crockett, Dr. Conan Doyle, and M. Matcel Schwob.

THE new magazine of contemporary thought which The Macmillan Company will issue on January 1st is to be called *The International Monthly*. Edouard Rod will lead with an article on "Later Evolution in French Criticism." Professor N. S. Shaler will follow with "The Influence of the Sun upon the Foundation of the Earth's Surface"; Professor John Trowbridge on "Recent Advance in Physical Science"; Norman Hapgood on "The Theatrical Syndicate"; Charles de Kay on "The Association of American Artists."

It is evident that the editors intend to keep the scope of this work in actual living touch with current movements if we can judge by the two last articles; while the scholarship of the other writers promises well for a particularly interesting first number.

THREE additions have just been made to the series of Scientific Memoirs, published by Messrs. Harper & Brothers. *The Laws of Gases*, as set forth in the memoirs by Robert Boyle and E. H. Amagat, have been edited (and the latter translated) by Professor Carl Barus. Professor W. F. Magie is the editor and translator of the papers devoted to *The Second Law of Thermodynamics*, by Carnot, Clausius and Lord Kelvin. *The Fundamental Laws of Electrolytic Conduction* have been developed by Faraday, Professor Hittorf, and Professor Kohlrausch, and memoirs by these men make up the contents of a volume edited by Professor H. M. Goodwin. This series is of the utmost value to scientific students, and we hope that it will come to include many more numbers.

THE most important of the recent publications of the University of Pennsylvania is a bulky monograph upon *The Philadelphia Negro*, by Dr. W. E. Burghardt Dubois, including also "a special report on domestic service," by Miss Isabel Eaton. In the astronomical series there is a quarto pamphlet of *Results of Observations with the Zenith Telescope of the Flower Astro-*

*nomical Observatory* for two years, by Mr. Charles L. Doolittle. A volume of *Contributions from the Botanical Laboratory* includes several papers and a series of plates. In the philosophical series there is an essay *On Spinozistic Immortality*, by Professor George Stuart Fullerton. Finally, in the philological series there is an edition, by Professor Hugo A. Renert, of the comedy *Ingratitudo pro Amor*, by Don Guillen de Castro.

More than three hundred scholars and specialists are at work on *The Jewish Encyclopedia*, which when completed, will be published by the Funk & Wagnalls Company. This work will be issued in twelve volumes, and comprises the history, religion, literature and customs of the Jewish people from the earliest times to the present day. The managing editor is Dr. Isidore Singer, of Vienna. The various departments of knowledge are under the supervision of Dr. Cyrus Adler, of Johns Hopkins, Dr. Gotthard Deutsch, of Vienna, Dr. Richard Gottheil, of Leipsic, Dr. Marcus Jastrow, of Halle, Dr. Morris Jastrow, Jr., of Leipsic, Dr. Kaufman Kohler, of Erlangen, and Dr. George F. Moore, of Yale University. The huge list of collaborators includes the most eminent scholars of the age.

*The Favor of Princes* is a romance of France under Louis XV., by Mark Lee Luther, which has just been published by The Macmillan Company. Mr. Luther seeks to portray the times of feverish unrest and social change preceding and pre-saging the French Revolution. The vicious example of the king, the frivolity of the court, the brutalization of the peasantry, the rise of the bourgeoisie, the decline of the Jesuits, the influence of the philosophers, and the dominating personality of Madame de Pompadour, all enter into the warp and woof of a tale whose plot turns upon an attempt of Louis XV. to deprive one of his impoverished nobles of his wife.

While not claiming absolute fidelity to history, the novel is in spirit historical and touches upon events of import to the France of the XVIIIth century. Among the historical personages introduced, aside from the King and his mistress, are Jean Jacques Rousseau and the Duc de Choiseul.

*Spanish Literature in the England of the Tudors*, by John Garrett Underhill, Ph.D., is the latest volume in the series of Columbia University Studies in Literature. It is a historical inquiry into the character of the Spanish works known to Shakespeare's period, and the persons by whom they were introduced into England, and the groups they affected, undertaken with a view to determine precisely Spanish influence in that age of English literature. The investigation is not limited to works of imagination, but includes treatises, sermons, court-books, histories, etc., and covers exhaustively the sixteenth century. It is especially valuable for the definition of literary groups, outside the dramatists, and the biographical and bibliographical details which it gathers into an accessible and orderly form; and it clears up an unusually obscure part of English literary history concerning which there has been much misstatement of fact and much wrong theory.

*Imperative Surgery*, for the General Practitioner, the Specialist and the Recent Graduate, by Howard Lilienthal, M.D., Attending Surgeon to Mount Sinai Hospital, New York, is the title of a work on the press for immediate publication by The Macmillan Company. In a grave emergency and in the absence of expert assistance any physician may find himself obliged to perform the work of the surgeon. To shirk responsibility may cost a life or make a cripple. Dr. Lilienthal's book, which deals with just these conditions, will be a particularly valuable possession for the general practitioner and the recent graduate. The reader is not embarrassed by descriptions of a multiplicity of operations for the relief of a single diseased condition but is presented in each instance with one good method, as simple in character as is consistent with good surgery. Original illustrations from drawings and photographs of the actual field of operation render the explanations still clearer. The book deals with fundamental principles.

STUDENTS of English literature will welcome the superb *Life of Donne*, by Ed-

mund Gosse, which Dodd, Mead & Co., have just issued. It is not only a masterly piece of work, but as bookmaking the two volumes are light to handle and handsomely illustrated with reproductions of the scarce portraits of Donne and some facsimiles of his letters. As a contemporary of Shakespeare and holding the position in his day of an acknowledged leader in scholarship, and a high favorite at Court, Donne is a man whose work must be studied by any one who would have a true insight into the social and literary conditions under which Shakespeare labored, and was by such men as Donne practically ignored. In its mastery of expression, and in 'trick of phrase Donne's verse bears a striking resemblance to that of Robert Browning. Perhaps as the poet of "absence" he is entitled to almost the highest place among English poets; while his prose is full of fine passages. A review of Mr. Gosse's work appears in another column.

*Our Native Birds, How to Protect Them and Attract them to Our Homes*, is the title of a book just issued by The Macmillan Company. Its author is D. Lange, Instructor in Nature Study in the public schools of St. Paul, Minn. He will be remembered as the author of a *Handbook of Nature Study*. How to prevent the extermination of our American birds is a question which is interesting sportsmen and nature lovers alike, and it is one which is also of some importance to agriculturalists who are losing the destroyers of many harmful insects and grubs. The author, who is fully abreast of the times, puts forward many of the ideas advocated by the Audubon Societies in more than usually definite form and greatly increased in value by his practical suggestions as to *what to do*. The author not only points out the evil, but suggests a cure. In its own field it is unique in American ornithology. It is thoroughly in line with the spirit of the bird study of the day, and it commends itself to every one interested in bird protection, while its practical side will be of value to those who wish to attract birds about their houses.



## Reviews.

*Abraham Lincoln the Man of the People.* By Norman Hapgood. Illustrated with Portraits, etc. The Macmillan Company.

The strong public curiosity which was awakened by the announcement that Mr. Norman Hapgood, author of "Literary Statesmen," "A Life of Daniel Webster," etc., was preparing a biography of Abraham Lincoln, has at length been gratified. The work has made its appearance, bearing the imprint of one of the foremost of our great American publishing houses.

Altogether, there have been printed a good many so-called lives of Lincoln. None of them is wholly without value, since it is impossible to tell any truth about the career of such a man without adding somewhat to the sum of useful human knowledge. There are differences of opinion about the relative merits, and lack of merits, of a number of these "lives," but we do not think there is any lack of agreement upon the proposition that all of those with whom the public has become in any way well acquainted leave a great deal to be desired. That consensus of opinion explains in part the keen expectation aroused by the announcement to which we have alluded.

The intelligent reading public had two reasons for expecting from Mr. Hapgood something in this line quite out of the common and above the average. One reason was the superior excellence of his previous work as a biographer of statesmen. The other was the fact, pretty widely known, that Norman Hapgood has exceptional qualifications for writing about Lincoln, because he, Mr. Hapgood, was brought up in the neighborhood where Lincoln lived for the greater part of his life. Thus our author breathed, in his own youth, something of that peculiar pioneer western atmosphere, which, in the early part of this century, had so much to do with forming Lincoln's character.

The volume contains 433 pages. It is really not so large a book as this fact might imply, for the print is very large and the lines are heavily leaded. Mechanically the volume is singularly delightful. It is easy and pleasant to read in every sense.

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High as is the expectation of well informed readers concerning the new life of Lincoln, that expectation is not doomed to disappointment. Mr. Hapgood has done his labor of love more than well. He has done it admirably, in some respects wonderfully well. Without saying that this book is in every way the best life of Lincoln which has appeared, or that it makes all others superfluous, or even that the reader of this book, who is ambitious to know all which can be known of the martyred president, will not find himself under the necessity of depending upon the monumental biography by Lincoln's private secretaries,

Messrs. Nicolay and Hay, for matter specially relating to the administrative details of the Civil War; we do say, in all confidence, that *Abraham Lincoln, the Man of the People*, by Norman Hapgood, is by far the best life of Lincoln which has yet been written, for busy and thoughtful readers who have time for but a single volume on this subject.

Mr. Hapgood's trained literary instinct has served him and his readers a good turn. Without sacrificing the truth of history or neglecting any really needful details, he has made his story of Lincoln something far above the dry chronicle of events and the unprofitable repetition of personal gossip, which biographies manufactured by men who are not men of letters are too apt to be.

Our author has brought fine discrimination to his delicate task. He possesses the instinct to put himself in the reader's place and realize what the reader wants to know and needs to know in order not merely to be possessed of a mass of information about Abraham Lincoln, but to understand and to feel what manner of man Lincoln was, and what were the times in which he lived, and the problems which he had to solve.

Turn where we will in this book, we find it of absorbing interest.

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Perhaps we may best close this necessarily inadequate account of one of the most remarkable biographies ever written by an American, whose subject is the man whom Lowell, in the "Commemoration Ode," characterized as "the first American," by saying that our author has brought to bear for the first time upon Lincoln's wonderful life the genius which enables the countless millions who never saw him, the greater part of whom were born since he was slain, to know Lincoln in some real degree as he was known by the wisest and most intimate of his personal and official associates.—*Boston Daily Advertiser.*

*The Life and Letters of John Donne.* Revised and corrected by Edmund Gosse. Dodd Mead & Company.

Mr. Gosse winds up his admirable biography of Dr. Donne by declaring that his hero is, of all great men, "the one of whom least is essentially known," and goes on to ask whether this is not "perhaps the secret of his perennial fascination." One is enabled by a perusal of Mr. Gosse's book to rule this supposition out of the literary court. It is impossible for any honest reader to rise from the careful study of these two handsome volumes and declare that Donne's personality is any longer unknown to him; it is equally impossible that he should fail to find in Mr. Gosse's hero one of the most fascinating figures in our poetical annals. Donne,

it is true, never has been, and is never likely to be, popular. His wilful obscurity and harshness, the "metaphysical" nature of much of his poetry, the lack in it of those romantic elements which alone truly appeal to the universal suffrage, all prohibit that. But among the truer and more esoteric lovers of poetry Donne will always hold a peculiar and secure place. Of this one may see a symbol in the fact that his remarkable statue was almost the sole adornment which the Great Fire spared in old St. Paul's, and is now said to be almost unknown to the Londoners and country cousins who visit the modern cathedral in devotion or in curiosity. There will always be a small but not unimportant minority who will continue to swear by the magnificent outburst of poetry in Donne's work, while the majority simply swear at his crabbedness, if they do not ignore him altogether. These lovers of Donne will be truly grateful to Mr. Gosse for what has evidently been to him also a labor of love, while the larger number who are left more than usual calm by the verse of the poetic Dean of St. Paul's will yet agree that if a biography of Dr. Donne on a larger scale than Walton's were necessary, the work could scarcely have been better done than Mr. Gosse has done it.

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Mr. Gosse, with an artistic skill and a scholarly erudition which goes so rarely hand in hand to make the ideal biographer, has shown us how the turbulent poet of the satires and the glowing amorist of the elegies, the flatterer of the shameless Howard and the fawner on Lord Keepers, could be one and the same with the hero of Walton's exquisite sketch, a psychological curiosity which hitherto seemed well-nigh incredible.

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Mr. Gosse has made every factor in Donne's life comprehensible and even inevitable, and triumphantly worked out the personal equation of Donne the man, poet, lover and preacher. We had marked for enumeration many details that seemed of special excellence in the work, but where the sum is so good it seems needless to praise the parts. Yet we cannot refrain from directing the reader's attention to the chapters on the lyrical poems, and on the influence of Donne, in which Mr. Gosse's sane and sympathetic criticism is seen at its best. In conclusion, we may express the hope that, in view of the interest in Donne which this biography is bound to create among those who have hitherto known him only from anthologies, Mr. Gosse will perform the task for which he is so well fitted, and give us at last that definitive edition of Donne's complete works for which the world has waited—not, surely in vain—some two hundred and fifty years.—*Literature.*

This work, which we welcomed ten years ago, has been revised and enlarged in the edition before us. The author may justly take pride in the extent to which subsequent events have justified his earlier conclusions; and for this reason, perhaps, he kept many chapters in their original form. The new chapters, however, bring the discussion down to date, and only occasionally does the reader feel the want of statistics showing how combinations have kept up prices during the entire fifteen years in which they have so largely controlled important industries. The author's attitude toward trusts is singularly dispassionate. He is their defender so far as the production of goods is concerned, and brings out strongly the economies they make possible, especially in putting goods on the market, without showing as clearly the wastes they make possible through the security given to careless superintendence, indifference to improvements, etc. When, however, he turns to the relations of the trust toward the public, he makes remarkably clear the dependence of the latter upon State interference. This he urges not only in the form of national legislation restricting capitalization to the cost of duplicating plans and requiring publicity of accounts, but also in the form of legislation giving the public representation on the directing boards of the various combinations.—*Outlook*

*Wabeno, the Magician.* By Mabel Osgood Wright. A sequel to "Tommy-Anne and the Three Hearts." The Macmillan Company.

Among the many delightful books of the autumn for children, Mrs. Mabel Osgood Wright's story of *Wabeno, the Magician*, is the most fascinating with its nature lore and its charming presentation of childish fancies. It is a sequel to "Tommy-Anne and the Three Hearts." In explanation of the title, Mrs. Wright records the fact that, before man walked on earth, "nothing asked why about anything." When the Red Brothers arrived, "why" was the very first word they said, and because they could not understand the "Three Hearts" and their language, every strange thing that befell they laid to "Wabeno, the Magician." Wabeno was a young warrior, in whose trail followed the dream folk, with his shadowy flock and his book of wondrous fading pictures. And from this pleasing fancy Mrs. Wright gathers many short stories, weaving them around the "Heart of Nature" and showing Anne how to see through the magic spectacles and to understand in "Whyland" the talk of the "Nearby." The real magic of the volume is the spell which the author has cast over those things in nature, which are closely related to childish fancies, and in her dream talks she not only quickens her young readers' understanding and teaches them how to use their eyes and ears, but she also instills into hearts the real significance of loving kindness. Her book is a storehouse of useful information, and

*Monopolies and the People.* By Charles Whiting Baker, C.E. (Third Edition, Revised and Enlarged.) G. P. Putnam's Sons, New York.

it is thoroughly genuine and wholesome in its interpretation and studies of nature and the animal world. Nothing better could be devised for childish imagination to feast upon — *Boston Herald*.

*Development and Character of Gothic Architecture.* By Charles Herbert Moore. Second edition, rewritten and enlarged. The Macmillan Company.

The first edition of Mr. Moore's book was reviewed in these columns in 1890, and we have now to notice the much enlarged second edition. The new book is to the old one almost exactly as four is to three in mere magnitude. In the value of the text it has increased as much as it is easy to imagine a book of the kind, good in the first place, to be improved. In brief, the second edition embodies the results of nine years of thought upon the subject; of the effect upon the author of criticism, favorable and adverse, including some disputing of important propositions; of newly discovered or newly explained matter concerning the growth and spread of Gothic architecture in different countries; and of the results of at least one more visit to France and to some of the principal centers of pointed architecture outside of France. Of the changes caused by this renewed and continued study of the subject, that concerning the introduction of pointed architecture into Italy is the most immediately evident.

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As to the illustrations, they also have been minutely reconsidered, and the improvement in this respect is even more striking than in the text. Ten photographic plates replaced the rather unsatisfactory English woodcuts of the previous edition.

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Those who have found the first edition of Mr. Moore's work valuable will find it still more important to possess the second. There can be no doubt of the independent and peculiar value of the latest and most matured conclusions in a matter like this. Mr. Moore's conclusions, when they concern controverted questions, are, of course, to be taken only in their final form; and, where they deal with more accepted truth, should still be taken as he now words them, rather than as he did at the time nearer the beginning of his special studies of mediæval art. — *Nation*.

*The Moral Order of the World.* By Alexander Balmain Bruce. Charles Scribner's Sons.

The perusal of this volume deepens the sense of loss to the world in the recent death of its well-known author, who completed it just before he passed away. It comprises a series of the Gifford Lectures before Glasgow University, following the already published series on the "Providential Order of the World." It is a critical but sympathetic study of those leaders of thought in India, Persia, Greece, Palestine, and our modern world who have striven to interpret

the moral order of the world. Especially interesting is Dr. Bruce's critique of modern optimism, particularly as represented by Browning, and modern dualism, of the agnostic school of Huxley on one hand, and Ritschl on the other. We must dissent from his distinction between "providential" and "moral" as personal and impersonal terms, a distinction suggested by that superficial connotation of morality which too often lames evangelical thought. — *Outlook*.

*The Traditional Poetry of the Finns.* By Domenico Comparetti. Translated by Isabella M. Anderton, with Introduction by Andrew Lang. Longmans, Green & Co.

The substance of the present book originally appeared under the title "Il 'Kalevala' o la poesia tradizionale dei Finni; Studio storico-critico sulle origini delle grandi epopee nazionali," in the proceedings, for 1893, of the Italian Accademia dei Lincei, of which the writer, the well known author of "Virgil in the Middle Ages," is a fellow. The occasion of the essay is the bearing of the traditional poetry of the Finns, and in particular of the Finnish national epic, the "Kalevala," upon the so called Homeric question. The book, in point of fact, as Mr. Lang reminds us, is the prelude to a work on the Homeric poems. If this be its chief value in the mind of its author, it certainly is not its only value to the reader, for this is altogether the most comprehensive, the most lucid, and generally most valuable presentation of the subject of Finnish popular poetry that has thus far been put forward. The whole question of origin of manner and matter is at last intelligibly presented, and though some do and others will deny the book a definitive character in not a few of its conclusions, it will stand for many a day as the first and best treatise on a subject that has been singularly misunderstood, not only by the laity, but by the learned. — *The Nation*.

*Nancy Hanks.* By Caroline Hanks Hitchcock. Doubleday & McClure Co.

Nancy Hanks was the mother of Abraham Lincoln. In Mrs. Hitchcock's book the great statesman's ancestry is traced back to 1550. The book is written primarily to refute the claim made by some that both Lincoln and his mother were of dubious birth. The Lincoln family seems always to have been one of inventive mind and aggressive spirit, and in every way worthier to be associated with the name and fame of the great-souled President than is generally supposed. Any side-lights on Lincoln's life are valuable, and Mrs. Hitchcock is to be congratulated on the thorough investigation apparent in her book. — *Outlook*.

*The Growth of the Constitution in the Federal Convention of 1787: An Effort to Trace the Origin and Development of Each Separate Clause, from its First Suggestion in that Body*

to the Form Finally Approved. Containing also a facsimile of a heretofore unpublished Manuscript of the First Draft of the Instrument, made for use in the Committee of Detail. By William M. Meigs, author of the life of Charles Jared Ingersoll. Philadelphia, J. B. Lippincott Co.

This is a long title of a good book, and it saves labor to a reviewer. Mr. Meigs is one in whose hands a reader may feel safe—a scholar learned, accurate, thorough and candid. He has done excellent work before now, on subjects connected with constitutional law and the history and literature of that subject. The present book is a most useful and convenient one. Its object is sufficiently indicated in its title. It will turn out, we suspect, to be an indispensable handbook for all careful students of the Federal constitution. Not only has the author done well the simple main task that he set himself, but he has added the touch that only a learned writer could give, by an occasional reference to sources of information rare or hitherto unknown. He reproduces in facsimile a highly interesting document, the draft of a constitution prepared by Edmund Randolph, and used by the Committee of Detail, and makes instructive comments upon this paper, the true character of which Mr. Meigs seems to have been the first to perceive.—*Nation*.

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*Quaker Government in Pennsylvania, A History of.* (Vol. II.). By Isaac Sharpless. T. S. Leach & Co.

The second and concluding volume of this book by President Sharpless, of Haverford, covers the period from the migration of the Quaker members of the Pennsylvania Assembly, at the outbreak of the French and Indian War in 1756, to the close of the Revolutionary War. The position of the Quakers in the latter struggle is set forth with a fairness that leaves nothing to be said in criticism. When called upon to choose between their devotion to liberty and their hostility to war, most of them strove to maintain neutrality. A portion, however, reckoned at one fifth in the city of Philadelphia, left their church to give active support to revolutionary armies, while a much smaller body, perhaps a tenth as many, left it to support the English. Outside of the city, where the wealthy and cultured class was generally Tory in sympathies, nearly all the Quakers welcomed the triumph of the patriots.—*Outlook*.

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*The Colonisation of Africa.* By Sir Harry H. Johnston. With many maps. The Macmillan Company.

Sir Harry H. Johnston's *Colonisation of Africa* (Macmillan) is an attempt "to summarize and review in a single book the general history of the attempts of Asia and Europe to colonize Africa during the historical period." The volume is true to the author's promise, crammed

with facts and encyclopædic in character; in spite of which we have an altogether readable book bearing evidence of extreme care and careful research. Of special interest at the present time is the chapter on "The Dutch in Africa." Although this chapter was written before it became evident that Mr. Chamberlain stood back of the Uitlanders of Johannesburg in their demand for greater concessions and a larger degree of political influence in the Transvaal, the general question of England's relation to the Dutch in South Africa is carefully examined. Treated historically, it serves to show that the present crisis is but the culmination of two centuries of differences between peoples of widely separated degrees of civilization. Mr. Johnston argues that the chief difficulty has always been the failure of a nineteenth century administrative to understand a seventeenth century subject population, for such he considers the Dutch of South Africa. The British government is credited with having failed from the beginning to take proper measures for the maintenance and spread of English influence. Reforms have been too suddenly and too harshly executed, as in the case of the abolition of slavery in Cape Colony; or, on the other hand the proverbial stubbornness of the Boers has too easily frightened English ministers from projects of sound policy. Incidentally, the author makes the curious assertion that if Scotch administrators had been sent to Cape Colony early in the present century, few of the later troubles would have followed. This opinion is based upon the fact that the Scotch and the Dutch are similar in character, temperament and religion; though why the Scotch more than the English should have sympathized with the patriarchal form of slave-holding desired by the Dutch, is not made clear. The attitude of Mr. Cecil Rhodes, in indirectly urging the movement which resulted in the deplorable Jameson raid, is criticised. In reference to this point, the author maintains that an amicable settlement of the grievances of the Johannesburgers would have been accomplished ultimately through pressure from the Cape Colony Dutch upon those of the Transvaal. Britain's difficulties now are directly traceable to her shilly-shally policy toward the Dutch in the early part of the century, and to the essentially different aspect in which life, its duties and its privileges, present itself to the Dutch and to the English mind. Other chapters treat of each important colonizing nation in turn, and all are instructive and entertaining. The book contains some unusually good maps, showing Africa by religions, by areas of slave trade, by colonizability, and by political divisions at different periods.—*Dial*.

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*The Last of the Mohicans.* A Narrative of 1757. By James Fenimore Cooper. Edited with Brief Biography and Various Notes by W. K. Wickes, M.A. The Macmillan Company.

This little volume is issued in the pocket series of English Classics, especially adapted for use in

the school room, and meets a long-felt need. In addition to the story there is a brief biography and various notes, and the scene of the tale and most of the information necessary to understand its allusions are rendered sufficiently obvious to the reader in the text itself or in the accompanying notes.—*Providence Journal*.

*Syllabus of Lectures on Modern European History.* By H. Morse Stephens. The Macmillan Company.

Professor H. Morse Stephens has republished in book form the *Syllabus of Lectures on Modern European History* (Macmillan), which he originally prepared for the use of his students at Cornell. The course begins with 1600, and in eighty seven lectures traverses 290 years, closing with the Triple Alliance. The subjects are wholly political, save for half a dozen lectures on "Literature and Philosophy," "Science and Art," which are interspersed at proper points. First comes a preface, which expatiates on the practical value of a syllabus; next a general bibliography, and then the main part of the book—successive skeletons of lectures. Under each topic are ranged from two to four pages of headings (with a copious supply of dates), and a carefully compiled bibliography, containing at least fifteen and often twenty-five titles. Although not greatly exceeding 300 pages in length, much matter has been compacted into this book. Its survey is minute and thorough. Smaller countries, both northern and eastern, receive attention, and yet are not unduly exalted. As a systematic guide to the chief topics of modern history and to the most important literature regarding them, this outline cannot fail to help college students greatly.—*Nation*.

*Dictionary of Birds.* By Alfred Newton. Assisted by Hans Gadow. Macmillan Company.

A most admirable book filled with valuable information presented in the most usable form. It is well illustrated by wood engravings. Not only are the birds themselves listed and described but there are valuable sections devoted to such subjects as the "Muscular System," "Nervous System," "Nidification," "Quill," etc. There are four pages of "Notanda et Corrigenenda," and it is gratifying to see that the authors have not been ashamed to place their errata in a prominent position. No greater service can be rendered to a scientific book than this, and it is impossible in a scientific book of this size, not to have many corrections.—*Scientific American*.

*An Introduction to the Methods and Materials of Literary Criticism.* By Chas. Mills Gayley and Frederick Newton Scott. Ginn and Company.

The first volume of an important work that will be welcome to all students of literature has just been published. The work is a product of

the joint scholarship of Professors Charles Mills Gayley and Fred Newton Scott, and is entitled *An Introduction to the Methods and Materials of Literary Criticism*. The sub title of the present volume is "The Bases in Aesthetics and Poetics." A second volume dealing with "Literary Types" will complete the work. Literary criticism, say the authors, has now "outgrown the stage of unquestioning acquiescence in tradition, authority, personal bias or prejudice. But it is not yet fully alive to its possibilities, scope or aim—not organized." An attempt at such organization is what this work offers us. The authors add this note to the exposition of their plan: "While the work is not intended to set forth any special system or criticism, being rather a clue to the sources which will acquaint the student with any or all systems, yet some pains has been taken to distinguish, in the commentary, those theories which are thought to rest upon a sound scientific and aesthetic basis." The result of all this industry is not, indeed, a book to be read, but a book to be used as a guide through the labyrinth of critical literature; and in this respect the bibliographical sections are by far the most important, being prepared with great thoroughness, and embracing classified references to the most important work to be found in all the culture languages. As has already been observed, the aim of the work is mainly that of guidance and suggestion rather than of elaborating a critical system; but we should supplement this statement by saying that the modern scientific or evolutionary treatment of literature is the underlying principle of the whole discussion, a fact which comes out clearly in the section dealing with "Comparative Literature." We are bound to compliment the authors of this volume upon their scholarship and their fairness in presenting contrasted opinions, and to thank them most heartily for placing in our hands a manual of the subject that goes far beyond anything hitherto attempted in English, and that is simply invaluable for purposes of reference.—*Dial*.

*Naturalism and Agnosticism.* By James Ward, Sc.D. The Macmillan Company.

It is doubtful if any lectures on the Gifford foundation present a clearer grasp of the fundamental problems of modern thought or will do more for the rehabilitation of English philosophy than these by Professor Ward. This learned and capable thinker has made a singularly trenchant criticism of naturalism, a terminology which by his endorsement becomes a part of technical language, and of scientific agnosticism. Taking science as "the touchstone of knowledge," he would admit that we neither know, nor can see room for God in the universe. But the distinction of known and unknown is merely objective; while the distinction of knowable and unknowable, in the agnostic sense, simply forces the personality of the knower to the front. In a word, "naturalism is essentially dogmatic, whereas agnosticism is essentially sceptical."

Indeed, the union of forces between these two dissimilar theories has really served to promote idealism. Since the repudiation of the old materialism, an agnostic or neutral monism has become fashionable, which ultimately leaves science to face a dilemma: "Either this non-descript monism must lapse back into materialism, or move on to spiritualism." Thus Professor Ward's first volume is devoted to a vigorous criticism of the mechanical theory, and the theory of evolution; and the second volume to psycho physical parallelism, to a refutation of dualism, and to a presentation of the doctrine of spiritualistic monism. Very skillfully the author shows how agnostic monism contains admissions which virtually lead to spiritualism. He expounds the modern view of nature as teleological as regards its unity, its causality and its regularity. And he closes by asserting that when divested of the scientific bias, it is impossible for the man who contemplates the world in its historical concreteness not to see true reality, not as a mechanism, but as a "Realm of Ends."

Thus in every theory in which naturalism commonly appears—whether of mechanism, of evolution, or of psychical epiphenomena, in each case its capital error comes from the temptation to receive as actual truths what are simply "methodological assumptions." With untiring patience and an immense wealth of illustration and cogent logic, Dr. Ward traces the inevitable consequence of a naturalistic interpretation, and throws this into luminous contrast with philosophical idealism.

We know of no treatment of the postulates of contemporary scientific thought—whether of physics, biology or psychology—that makes a more brilliant argument for the idealistic, and therefore the theistic view of life. Professor Ward's volumes will be of exceptional interest to the student of philosophy and religion and they will be a reinforcement and a stimulus to the Christian apologist. —*Churchman*.

*Precis de l'Histoire de France.* By Alcée Fortier. The Macmillan Company.

To crowd into less than two hundred pages a summary of the history of France since the earliest times without being dry and without neglecting the philosophy of events is a feat deserving of a commendation, and it has just been accomplished by Professor Alcée Fortier, of Tulane University, Louisiana. The book is written in French, with explanatory notes in English at the end. The object of the author, he tells us, was to supply a history of France for the use of students in American colleges, and the little book before us seems admirably fitted for that purpose. It is written in excellent style, the division of the work into short chapters, with numerous subtitles makes it most convenient to consult, the information contained has been well-selected, and the space allotted to each period seems fairly proportionate to its importance at the present day. The history is brought

down to the very day of publication. To those who are not students, but who yet desire to get, in a compact form, an idea of the evolution of the French nation, this little book can also be heartily recommended.—*Montreal Herald*.

*Intimate China: The Chinese as I Have Seen Them.* By Mrs. Archibald Little. Philadelphia, J. B. Lippincott Co.

In very delightful style, the author crowds her readable pages with pleasant anecdotes and episodes. In "the romantic East" she found unromantic refuge in the cellar when the thermometer was at 120 degrees. She discusses without prejudice consuls, missionaries, and public functionaries, native and foreign. As a rule, while at the hong, tea table, and club room the missionary fraternity is despised, the general praise of the individual healer or converter is warm and long. In her chapter on foot binding, she makes it clear that this peculiarly Chinese custom does not denote rank, and that the idea of its being done to prevent females from gadding about is a purely foreign notion. She never ceases to praise the Chinese women for their modesty, dignity, business ability, and helpfulness to their husbands. Her testimony is but one of hundreds that in personal delicacy and hesitancy to expose the person, the Chinese man, as well as woman, is immeasurably superior to the Japanese.

Mrs. Little's travels in the empire took her into many provinces and enabled her to enjoy a wide range of observation. She is a hearty believer in the doctrine that the best interests of China and of mankind at large will be subserved by maintaining the political integrity of the empire. She is not blind to the shadows in the picture, frankly acknowledging that corruption is widespread. The most honest men in high office seem to be those who have least to do with Peking. Her remarks about the recent failure of the reform movement are suggestive and illuminating. Not much is to be hoped for China while the "ring," of which the Empress Dowager is the center, controls the destinies of the land. Our author's clear and wise arguments against the impossibility of making over the Chinese by any new or external means, and in favor of renewing country and people by the slow but sure methods of morality and religion, seem unanswerable.—*Nation*.

*Pickett and his Men.* By La Salle Corbell Pickett (Mrs. G. E. Pickett). Published by Mrs. Pickett, Washington, D. C. Printed and bound by The Foote & Davies Co., Atlanta, Ga.

In this handsome volume the widow of the Confederate General who led his division in the historic and desperate charge at Gettysburg, relates the facts of his military career. She does more; she tells parts of the romantic story of her own married life in the closing year of the

Civil War, and the strange experiences of the interval between the wreck of the Confederacy and the full establishment of peace, when the survivors of the Southern army could settle themselves to industrious bread-winning with assurance of unmolested safety. These passages have a value that no other chapter of the book can possess. Her outline of her hero's life is authentic, and her praise of him and his devoted followers is eloquent, yet this deals with history that others could write, if not in such glowing terms. But her personal experience is unique and all her own. She was in Richmond when it fell into our hands; half destroyed by the fires set by the retreating Confederates, and the perils of the great conflagration were mingled with the terrors of capture by an enemy. With dramatic instinct the story is begun here, and she lets us share the emotion of a young mother with her babe in her arms witnessing such scenes, and in the midst of them hearing the newboys shouting the battle of Five-Forks and the death of her husband! Fortunately, the crowning calamity proved untrue, and, after a week of terrible suspense till the surrender at Appomattox, Pickett himself returned to disprove the harrowing story.

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\*\*\* But we repeat the judgment that the chapters of the life of the young wife and mother in that turmoil of war will give the book a value to the historian, as well as a charm to the sympathetic reader, which will far exceed that of the military narrative, carefully as it has been prepared.—*Nation*.

*Oom Paul's People.* By Howard C. Hillegas. D. Appleton & Co.

On many accounts this book will be very acceptable to American readers. Nearly everything that has been written about South Africa is the work of English hands and is not likely to be altogether impartial. Mr. Bryce's admirable book, it is true, is marked by fairness, but it does not cover the critical period since the Jameson raid. Were it brought down to date, it would be the standard authority, and it is to be hoped that Mr. Bryce may some time continue it; but meanwhile we must be content with the contemporary reports. Mr. Hillegas writes as a citizen of the United States, familiar with the commercial interests of his country in South Africa, and personally acquainted with the leading men there, both Boers and Englishmen. In spite of the fact that our trade with the Transvaal has become very considerable, he does not regard the rule of the Boers as oppressive, and evidently considers that the complaints which we hear of it are exaggerated. As a rule his descriptions are graphic and concise, and his book is in general well worth reading.—*Nation*.

*A Primer of Forestry.* Part I. The Forest. By Gifford Pinchot. [Bulletin No. 24, U. S.

Department of Agriculture, Division of Forestry.] Washington, Government Printing Office.

This little book of perhaps not twenty thousand words, with 130 illustrations, will be thankfully received by those whom it concerns, and will doubtless contribute to the weal and wealth of the nation. Though arboriculture is one thing and silviculture another, yet an introductory chapter is judiciously devoted to the life of the tree, its parts, its food, its chemical composition, how it breathes by leaves and lenticels, how it grows at the different seasons, and the consequent structure of the wood, its annual rings, its medullary rays, its heart-wood, etc. The second chapter treats of the differences in the silvatic characters, of trees, especially between "tolerant" trees, which flourish under more or less heavy shade in early youth, and "intolerant" trees, which demand a comparatively light cover, or even unrestricted light. This capital distinction is the secret of much that seems incomprehensible in lucarian history, and may be called the key to forestry. Various other characters, such as the nature of the seeds, the tendency to sprout, the requirement of moisture, and resistance to heat, cold and injuries are here considered. The next chapter—a deeply interesting one—describes the course of events in the life of a forest. Although in an ancient forest trees differing in age by centuries grow side by side, yet, in order to show how this ultimate stationary state of things is brought about, the author follows the progress of a forest crop of uniform age from the seed through all the successive phases of life until it reaches maturity, bears seed in its turn, and finally declines in fertility and strength, until at last it passes away and its place is filled by a new generation. The last chapter treats of the enemies of the forest, especially fire, "reckless" lumbering and sheep grazing. We do not know that we can agree that stripping off a forest can properly be called "reckless" lumbering. Is it not often a method forced upon the owner by the State, which taxes this kind of property at such a ruinous rate that no other course is open to him?

In its clear presentation of the rationale of its subject, in the force of its reasons enhanced by entire moderation, this tract is quite a little masterpiece.—*Nation*.

*The English Pre-Raphaelite Painters: Their Associates and Successors.* By Percy N. Bates. The Macmillan Company.

What gives the chief attraction, if not the chief value to this beautiful volume is the ninety photogravure reproductions of the masterpieces of forty-nine painters of this school that have influenced and, in no small degree, dominated English painting for the last half century. The letter press, however, is much more than we are wont to look for in publications of this sumptuous character. It fulfils the promise of the

preface to give an orderly review of the work of those who have painted under Pre-Raphaelite inspiration, thus doing what Quiller Couch or Holman Hunt promised and so singularly failed to do.

We have here then, for the first time in book form, the essential facts briefly and accurately stated, not merely of the inception and rise of the movement, but of its development and final merging into the broad stream of English art. The tone throughout is judicial yet sympathetic. Sculpture and the decorative arts are purposely left aside, nor is allusion made to the poetry for which several of the Brotherhood were distinguished. We note with pleasure that in the list of illustrations the owners and, the case arising, the photographers are named. Pictures are thus located in a way that will often prove useful.

The history begins with the formation of the Brotherhood, takes up in turn Madox Brown, Hunt, Millais, Rossetti, and passes on to the lesser lights and to the romanticists of the guild, Sandys, Solomon and Wilson. The history is then carried down through Hughes and Paton, Collins, Morris and their fellows, to the decorative school of Shields, Crane and Scott, and the present day representatives of Pre-Raphaelitism, Cayley Robinson and Byam Shaw. So this book is not only beautiful in make, but it is a contribution of real value to the history of English art.—*Churchman*.

#### *The Roman History of Appian of Alexandria.*

Translated from the Greek by Horace White, MA., LL.D. With maps and illustrations. The Macmillan Company.

It is rare, indeed, in these days that a translator has an opportunity such as Dr. White's; rare, too, is it to find a translation of any ancient author which so well fills the needs both of the English reader and of the student of the classics. More than two centuries have passed since the death of John Davies, whose version of the "History," first printed in 1679 and again in 1690 and 1703, has long been inaccessible except in great libraries. Since his day there have been a French translation in 1808, an Italian in 1830, and two in German (the latter in 1829-1831). Obviously, the field was open for a new comer, and it was worth working for, as Dr. White observes, "Appian deals with the most momentous events of the ancient world, and his work can never be lost sight of while men continue to take an interest in Roman history."

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Dr. White's preface contains all that is known or conjectured about the life of Appian, a summary of the contents of his works, with an appreciative notice of the invaluable labors of Schweighäuser upon them and some account of the other leading editions, a brief estimate of Appian's style and a fuller examination of his authority and his sources. In connection with the vexed question of sources, Dr. White criti-

nak and Vollgraff, reaching the conclusion that the last named is the most satisfactory, and concurring with him in holding that Appian's general source for the civil wars was a Greek and not a Latin writer.

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In the translation proper, Dr. White confesses that he has not tried to reproduce the author's style, but that his aim has been to put the whole work into smooth, idiomatic English. In this call reviews the monographs of Wynne, Henaim he has been very successful, but the result is necessarily a certain deadness of level, entirely unrelieved by any of the rhetorical flights through which Appian's Greek sometimes rises almost to eloquence. Aside from this, however, the translation is very faithful; difficulties are faced and not avoided, and often, in the most perplexing passages, an alternative rendering, due sometimes to variant readings, is provided in footnotes. And we are glad to observe that while Dr. White does not attempt to introduce the flavor of antiquity by the use of "thees" and "thous" and "haths" and similar archaisms, yet, on the other hand, he never gives offence by using modern slang or the lower sort of colloquialisms.—*Nation*.

#### *The Government of Municipalities.* By DORMAN B. EATON. The Macmillan Company.

Mr. Eaton has in this volume provided us with the best systematic treatise that is available for American student, law-maker or municipal reformer upon the principles that should be observed in the framing of a city charter, and upon the position of the American city in the State of which it is one of the minor jurisdictions. The book is logical and argumentative, rather than historical or descriptive; and its opinions are so strongly and definitely expressed that it will not find full acceptance in all quarters. It will, however, carry conviction to many minds, and it must have a decided influence upon future legislation affecting the structure of the city governments in this country. Mr. Eaton finds in the English system of municipal government the best general framework. He proceeds to adapt that system to American purposes. He places himself with those who regard the common council, rather than the mayor, as the center of a proper municipal organization. There can be no doubt of the gradual drift of the best opinion in this country towards that view—the only position of stable equilibrium and the only one fitted to a democratic system of government. Mr. Eaton, more than any other one man, has identified himself with the great cause of an efficient, non-partisan civil service in this country; and he has been a life-long student of public administration. As a lawyer and a public official in times past he has had much practical experience both with the drafting of administrative laws and with their practical working. This volume is the ripe product of many years of thought, experience and observation.—*Review of Reviews*.



*Scotland's Ruined Abbeys.* By Howard Crosby Butler. Profusely illustrated. The Macmillan Company.

In the present reaction against the conventional and the stereotyped, a book like *Scotland's Ruined Abbeys* ought to attract the attention of many travellers to ruins not a bit less lovely and enjoyable than Melrose. Mr. Howard Crosby Butler, formerly lecturer on architecture at Princeton, has written an excellent historical and descriptive account of Scotland's ruined abbeys, including in addition to Melrose, Dryburgh and Holyrood, the lesser known ruins of Dunfermline, Iona, Kelso, Jedburgh, Pluscarden, Haddington Priory, Arbroath, Kinloss, Beaulieu, Kilwinning, Dundrennan, Glenluce, Crossraguel, Lincluden, Sweetheart and St. Ninian. The architectural parts of these descriptions are not less good than the brief references to the scenes enacted near them and to the associations which cluster around them, and it is evident that much of the charm pertaining to visits to these deserted shrines is to be found in the human life near them, unspoiled by too frequent contact with visitors. This, however, is barely suggested, the author having devoted most of his attention, in a book which has evidently been a labor of love, to an accurate and painstaking architectural description, which never becomes too profound for the average reader. A good deal of the history of Scotland and its chief families is mingled with that of these abbeys, and the book contains a large number of line drawings and ground plans of the abbeys described.—*Boston Herald.*

*Among English Hedgerows.* By Clifton Johnson, with an Introduction by Hamilton W. Mabie. The Macmillan Company.

Mr. Clifton Johnson is known to many readers as a skillful illustrator of nature books, an artist who has learned how to use the camera for the making of pictures that are a good deal more than photographs. This development of the possibilities of the camera is largely a result of the amateur use of the instrument. Its wondrous possibilities were bound to be discovered, sooner or later, and as its use by amateurs increased, it soon reached people of artistic tastes who found out its capabilities for something more than the mere mechanical reproduction of the scene before the lens. It was then that its use as an adjunct for the artistic illustration of books became apparent, and Mr. Clifton Johnson soon became one of the best known adepts in this especial field. In addition it was also found that he was as skillful with the pen as with the camera, and could describe a scene as well as capture it on the sensitive plate. An evidence of his skill in both fields is before us in a handsome volume bearing the title, *Among English Hedgerows*. It came about in this way: Mr. Johnson visits England, and recalling Irving's dictum as given in the *Sketch Book*, as to getting an insight into the English character, he

went out into the villages and hamlets, lived there, and came in close contact with the common people in their own homes. He describes them in a series of sketches whose narrative has a smack of that close relationship and intimate knowledge which can only come from a daily contact, very different from that of the ordinary tourist. We have never seen fresher or more interesting pictures of rural England and her people than Mr. Johnson has given us in this book. Nor have we ever seen better illustrations of their daily life and environments than is furnished by the pictures, in every case reproductions of the photographs caught with Mr. Johnson's camera—with which these pages are filled. It is apparent that the same artistic sense that controlled him in the selection of his subjects influenced deeply his pen pictures of the life of village and hamlet, farm and wayside. He sees things that escape the ordinary tourist; little things, truly, but they give detail, and reflect the character of the people, giving the "color values," to use a photographic expression—that are found in their lives. The photographer, seeking to use the camera from the view point of the artist, can study Mr. Johnson's pictures with profit, while the reader will find his descriptions of English rural life full of the truth and freshness of nature. The book is handsomely printed on heavy paper.—*Brooklyn Eagle.*

*A History of England for High Schools and Academies.* By Katharine Coman and Elizabeth K. Kendall. The Macmillan Company.

With a view to meeting the entrance requirements of several universities, Miss Coman and Miss Kendall, of Wellesley College, have written a *History of England for High Schools and Academies*. The chief points of difference between their volume and its well known predecessors seem to be the adoption of a topical rather than of a purely chronological treatment, profuse illustration by means of portraits, maps, cuts of buildings, etc., and a large supply of bibliographies. The text follows good authorities, is clear and direct, gives a fair share of notice to each period and is devoid of unpleasant mannerisms. Among distinctive features we must mention the authors' regard for social and economic history. They have used Traill's "England" freely and to good effect. Apparently Dr. Cunningham's works have also helped them. A book of this sort avoids controversial questions, and we find no new opinions either to praise or to condemn. Choice of subject, style and accuracy are the points upon which the failure or success of a school manual turns, together, in recent days, with the quality of maps and illustrations. In the present treatise these structural parts are all sound, and accordingly we pronounce the work successful. Among its other virtues, too, may be accounted wise omission of many obscure details which often encumber such writings. It is

strongly but not expensively bound, the value being put where it should properly go, namely, into the contents. Over against so much praise we have almost no censure.—*Nation*.

*Browning's Shorter Poems.* Selected and Edited by Francis T. Baker, A.M. The Macmillan Company.

This little volume of selections from the poetry of Robert Browning has been compiled with special reference to the capacities of the boys and girls of high school age, for whom it is intended. As a matter of fact, most of Browning's best poetry can be appreciated by any reader possessed of any imagination or ability, but so much has been said of his obscurity, and the Browning societies have made such painful exhibitions of their efforts to read occult meaning into the simplest of lines, that the ordinary mortal who thinks he understands the great poet hardly dares to assert the fact for fear of being suspected of "posing," while to other ordinary mortals he remains a closed book because of their doubts of their own ability. The present edition of his shorter poems presents little in the way of criticism, but the notes at the end of the volume are comprehensive and cover such matters as are not settled by an appeal to the dictionary.—*Providence Journal*.

*The Teaching Botanist.* By Wm. F. Ganong, Ph.D. The Macmillan Company.

Professor Ganong presents the educational world with a useful and suggestive manual of information upon botanical instruction in this volume. It is a book about the art of teaching the subject, not a text-book of the subject itself. It is strictly on pedagogical lines, and no teacher of botany can fail to be profited by its perusal, whether all its suggestions are adopted or not. It is the ripe result of profound scholarship and wide, practical experience. Since botanical instruction is no longer confined to teaching how to collect, name and preserve specimens, but looks into and leads into the profounder subjects of plant anatomy, functions and relations, there has been taken a long step forward. This is one of the best books we have seen on the modern lines, and it will be widely welcomed alike by teachers and mature students of botany.—*Education*.

*Romances of Roguery.* An Episode in the History of the Novel. By Frank Wadleigh Chandler. In Two Parts. Part I., The Picaresque Novel in Spain. The Macmillan Company.

Literature in rags and tatters ought, on the face of it, to be a depressing spectacle; but as a matter of fact, in its most flagrantly unconventional form, namely, in the Picaresque novel, it is infinitely engaging. We are glad to welcome this first installment of Mr. Chandler's contribution to the Columbia University "Studies in Literature." He has a fascinating theme, and

while we wish that he had found it possible to issue his treatise in complete form we must admit that the Spanish side of his task was well worthy of occupying the entire first volume, and demanding our exclusive attention. As Mr. Chandler justly says: "Rogues in letters could and did arise independent of Spanish influence, suggested by the rogueries of actuality, always present and always interesting; but, with very few exceptions, those that count for anything in the development of romance bear unmistakable tokens of kinship to the Picares of Spain."

His method is to sketch first the most ancient sources of the Picaresque narrative, going back to classical writers like Petronius and Apuleius, and the Italian "Novelle," and then traversing the historical position of each Spanish contribution to this class of literature. His history is well arranged, his criticism is just and his descriptions give an excellent idea of the various novels discussed. Of equal value with his text, and, indeed, a piece of work for which students cannot be too grateful, is the copious bibliography inserted toward the close of the book. A list of authorities and a full index give to the first half of this enterprise a completeness which augurs well for its rounding out in the forthcoming second volume. It is a work reflecting high credit on the author and on Columbia University.—*New York Tribune*.

*Child Life in Tale and Fable.* By Etta Austin Blaisdell and Mary F. Blaisdell. The Macmillan Company.

This is a second reader made up of delightful stories, retold in the daintiest style and in the most graphic manner. The authors have caught the charm of true story-telling, and their little book is simply exquisite. It is most carefully graded, the selections are choicely made, and the arrangement is inviting. It is a work sure to please both teacher and little reader.—*Education*.

*The Revelation of Jesus.* By George Holley, Gilbert Ph.D., D.D. The Macmillan Company.

This is the most noteworthy historical study of the New Testament sources of Christ an doctrine that has appeared in English since the publication of Professor McGiffert's work on the "Apostolic Age." Until now, with the exception of a translation of Wendt's "Die Lehre Jesu" we have had no scientific historical discussion of the whole subject of Jesus' teaching. Professor Gilbert evidently anticipates that objections to his conclusions will be made on theological grounds. But he pointedly observes that "a theological test for a historical work is no test at all." His conclusions will be challenged from both sides: e.g. he regards Jesus as teaching that the final state of souls is irrevocably fixed at death. He also regards the affirmation of Jesus concerning his pre-existence (John vi. 62; viii. 58; xvii. 5) as affirming it in a sense not personal and real, but purely ideal, and his descent from heaven (John iii.,

13) as meant to be taken figuratively. A less condensed treatment at certain points might have saved the reader from occasional suspicions of arbitrary judgment; e. g., in the acceptance of Matthew xii., 40, as genuine words of Jesus concerning the "sign of Jonah," while doubting the genuineness of his words in Matthew xxvi., 28, concerning his blood as shed "unto remission of sins." There can be no question, however, either of the large freedom from preconceptions in which Professor Gilbert has wrought or the loving conscientiousness of his labor to present the real thought of Jesus with the utmost fidelity. His results are certain to command attentive examination.—*Outlook*.

*Listening Child, The.* By Lucy W. Thacher. Introduction by Thomas Wentworth Higginson. The Macmillan Company.

There are numerous selections of poetry for children, but Mrs Thacher's anthology will easily take rank with the best of them. Her principle of selection is not a novel one; it is simple to collect the best short poems in the English language with reference to their attractiveness for young readers. In the skill with which she has applied this principle lies the value of her book. It has two admirable qualities: it aims to contain nothing but the very best poetry—the kind of poetry which ought to drop into the memory and imagination of a child, and to lie there for future germination and growth; and, in the second place, it is admirably adapted for reading aloud. The volume may be opened at any point and the eye will rest upon a poem which seems to be wonderfully adapted to the ear of the child as well as to its imagination. Children should make their acquaintance with poetry through the ear rather than through the eye; and this volume will be of great service to those who have learned this fact.—*Outlook*.

*Stories from Froissart.* By Henry Newbolt. The Macmillan Company.

Henry Newbolt, the young English poet, author of those vigorous sea songs, "Admirals All," has made a judicious selection from the Froissart chronicles under the title *Stories from Froissart* (Macmillan Company, New York). The taste of youthful readers have been especially consulted in the preparation of the volume, and the full-page illustrations have a romantic glamour which immediately suggests the spell of the famous stories. As a storehouse of medieval history, Froissart is unexcelled, and beside being delightful stories in themselves, these selections and their many quaint illustrations have much educational value for the young student. The pictures, already alluded to, deserve special notice. They are fac-similes of descriptive drawings contemporary with the chronicles themselves and illustrate in an exceptional way the customs, dress and manners of those times.—*Philadelphia Press*.

*History of the Society of Zoar.* By E. O. Randall, 115 pp., cloth. \$1.25, postpaid. Illustrated. Columbus: Press of Fred Heer. For sale by A. H. Smythe, Columbus, Ohio.

There has just been published a most interesting volume by E. O. Randall, of this city, entitled *The History of the Zoar Society; A Sociological Study*. It is an elaborate historical sketch of the community located in Tuscarawas County, Ohio, known as the Separatists Society of Zoar. This interesting experiment in communism, has its origin in 1817, when some five hundred German emigrants from Wurtemberg and Bavaria located at Zoar and established settlement. The communistic features of the society were terminated last winter by a division among the members of the society of the property acquired and held in common for eighty years. It is probably the most extensive and thoroughly tried experiment in communistic socialism ever attempted in this country. Mr. Randall's history of the movement covers more than one hundred pages and is preceded by a diagram of the society's lands, showing the division into lots at the time of the property distribution, and the book is further embellished by a number of half-toned pictures of scenes in and about the town.—*Ohio State Journal*.

*Some Principles of Literary Criticism.* By C. T. Winchester. The Macmillan Company.

Professor Winchester has produced a fascinating book which emphatically contradicts his modest suggestion that its matter being first prepared for the college lecture room may "betray by a certain dull, didactic manner" the place of its origin. It is strange but it is certainly true that there exists nowhere any work which gives such a compendious statement of the essentials of literature and the grounds of critical estimate. Professor Winchester expounds no philosophy of criticism, nor does he attempt to elaborate a critical method. Very few persons will dispute the few fundamental principles that he lays down as essential to the sound critical judgments, or deny the qualities which he points out as indispensable by common consent to all writing which deserves to be called literature.

Whether our author is Homer or Browning, Catullus or Burns, Sophocles or Shakespeare, any estimate of his permanent value must rest upon a consideration of four essential elements: Emotion, imagination, thought and form. Furthermore, the writer must often be able to make and to express an historical judgment and must understand the personal equation of his author. He must be moved by an appreciative sympathy, yet he cannot be an impressionist if he would be a true and helpful guide. As Brunetière (considered by Professor Winchester, the ablest of living critics) says in his "Essays in French Literature": "Let us admit it with a good grace; let us put something above our tastes; and since there must be criticism, let us say that there can not be any that is not objective."

The first two chapters are elegant discussions of the definitions and limitations of literature, leading to the four-fold classification of critical examination, which is severally treated under these heads in four succeeding chapters. Then follows a chapter on poetry, one on prose, fiction, and a summary. The illustrative references for chapters third to eighth are admirable and the index is thorough.

Professor Winchester's book invites to quotation on the one hand, but its sustained merit and even excellence warns against the attempt. It should be read in its entirety and will be found a delightful and helpful guide and corrective to literary judgment.—*Boston Transcript*.

*The Life of the Spirit.* By Hamilton W. Mable. Dodd, Mead & Company.

Mr. Hamilton Wright Mable, in *The Life of the Spirit*, preaches very winningly those little lay sermons of which he is a past master. There are forty-four of them, on most varied subjects of art, morals and right living. If one is to choose, where the feast is so varied, we would direct attention to the excellent little exhortation on "Courage the Only Safety," closing with words applicable alike to individuals and to nations: "The more daring the faith the greater the certainty of the achievement. It is our part to welcome responsibility, to crave the difficult work, to seek the dangerous duty; for these are our divinest opportunities of service and of growth." And this we would supplement with that other little essay on the "Incompleteness of Life," where he finds that "the most encouraging and consoling fact about life is that very incompleteness which men are so often tempted to deplore." These words give the key-note of hopefulness and cheer that has made Mr. Mable's work so widely known and treasured.—*The Churchman*.

*Tales of Languedoc.* By Samuel Jacques Brun. The Macmillan Company.

Three years ago a western house published a collection of *Tales of Languedoc*, by Samuel Jacques Brun, with an introduction by Harriet Waters Preston. The Macmillans have just brought out in tasteful and handsome form a new edition of these unique legends, with the illustrations by Mr. Peixotto, which capably interpret the spirit, the scenery and the action of the tales themselves. These stories which M. Brun has collected and translated into English are part of the birthright of every boy in the south of France, and they have been told for so many generations that they are in some ways a curious mixture of ancient and modern ideas. But their very age—the length of time during which they have kept their hold on the affections of the people who have thus transmitted them orally from generation to generation—gives an intimation of their abiding qualities. They let one into the spirit of the south of France to

some extent: but whether they be classed as folk-lore or as fairy tales, certain it is that they deserve a place on the shelf beside the works of Grimm and Anderson. As Mrs. Preston says in her introduction, their great merit and charm for the general reader lies in their broad and beaming humor and in their intensely dramatic quality. Character is drawn in true child-fashion, with the fewest and blackest lines; but the effect is immense. There is an endless succession of thrilling incidents and adventures, preposterous in themselves, it may be, but relieved with the most imposing conviction, and rendered quite credible for the moment by the ease of their sequence and the rapidity with which they pass. Inconsistencies are reconciled and anachronisms overborne by the strong vitality of the perennial story.—*Boston Herald*.

*The Many-Sided Franklin.* By Paul Leicester Ford. New York, The Century Company.

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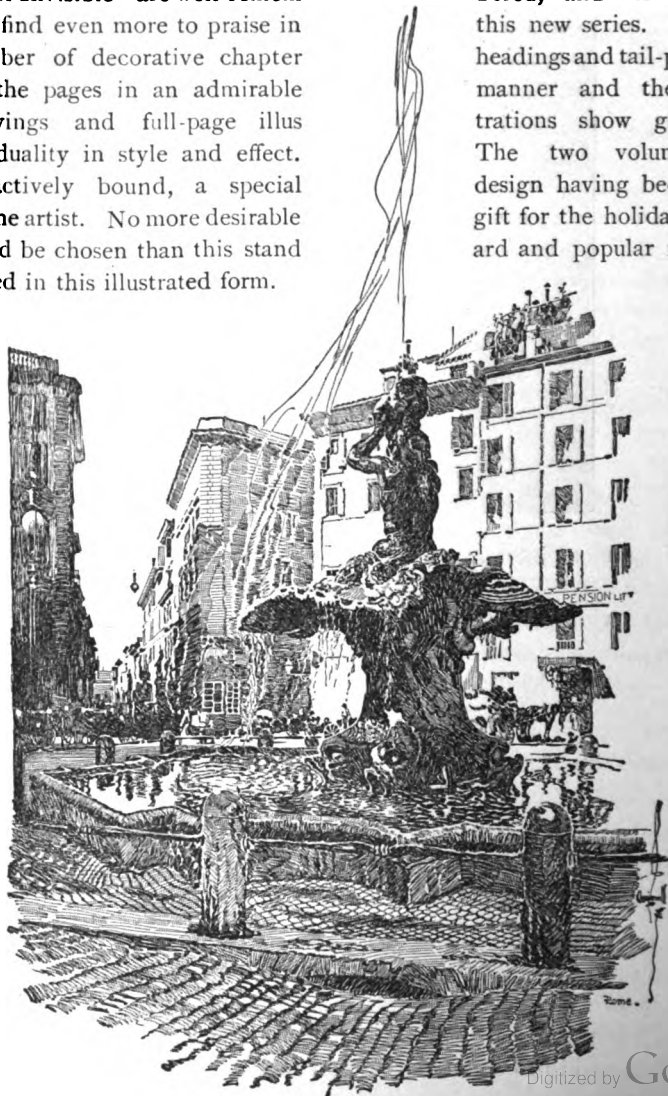
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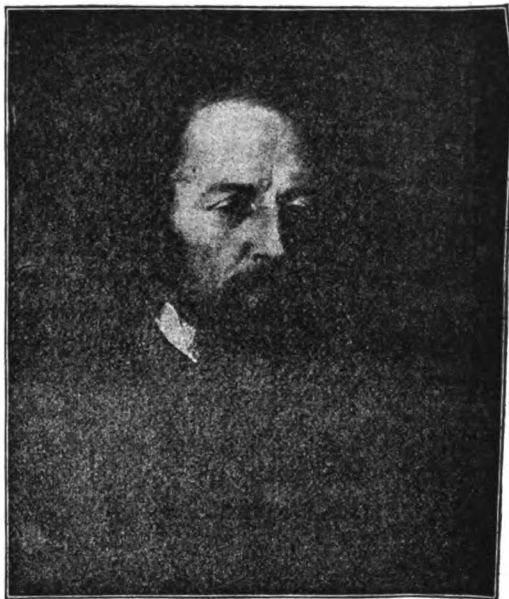
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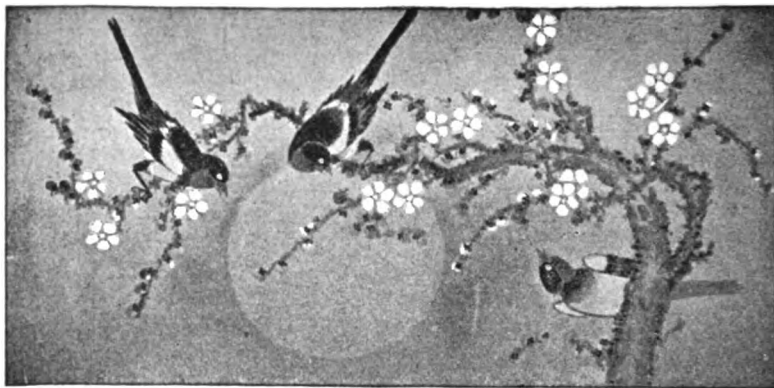
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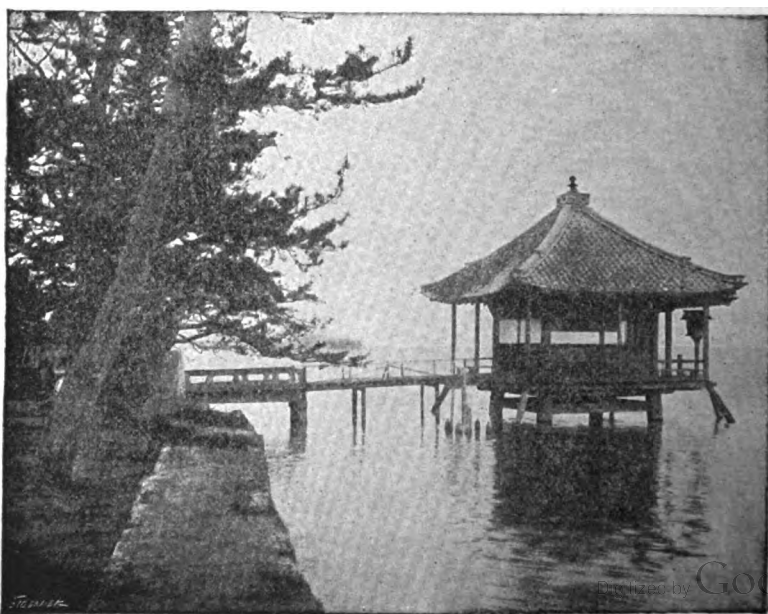
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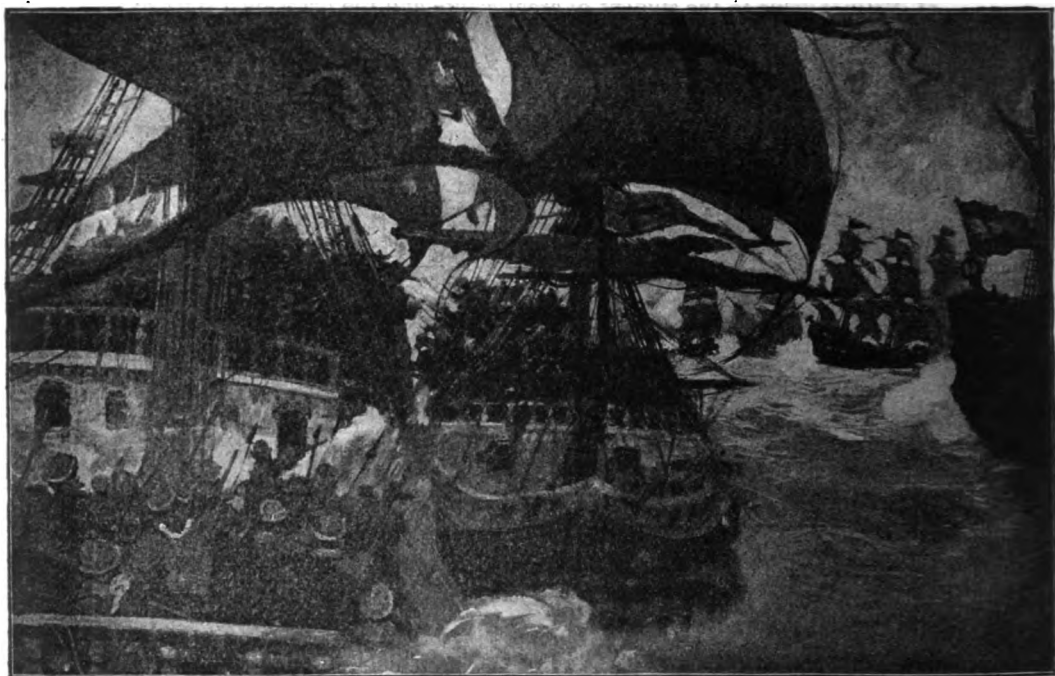
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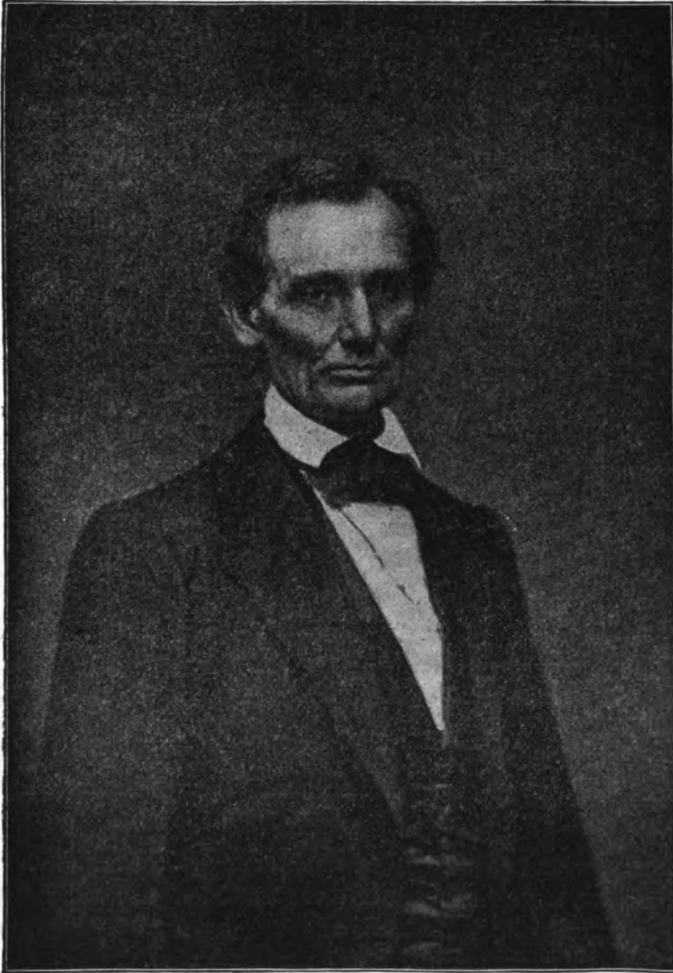
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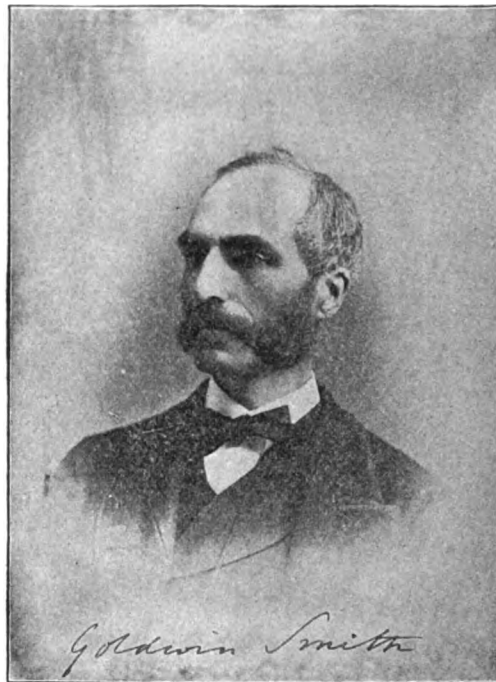
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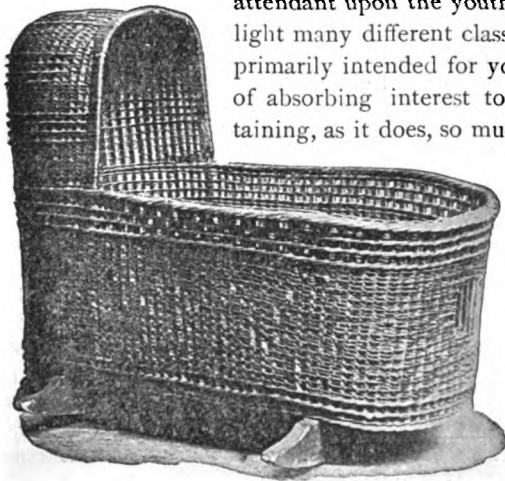
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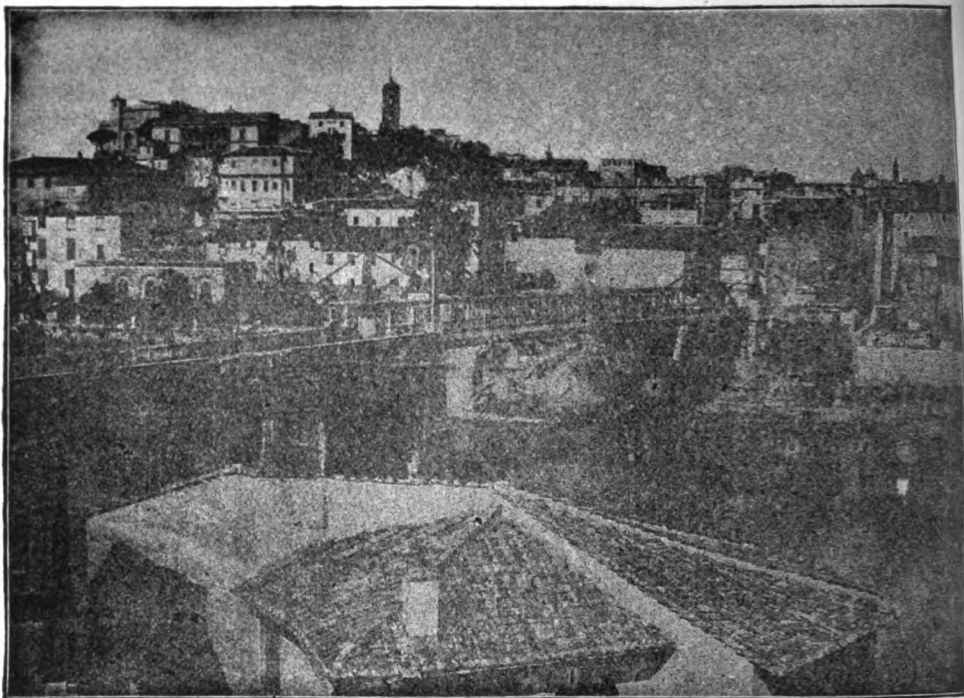
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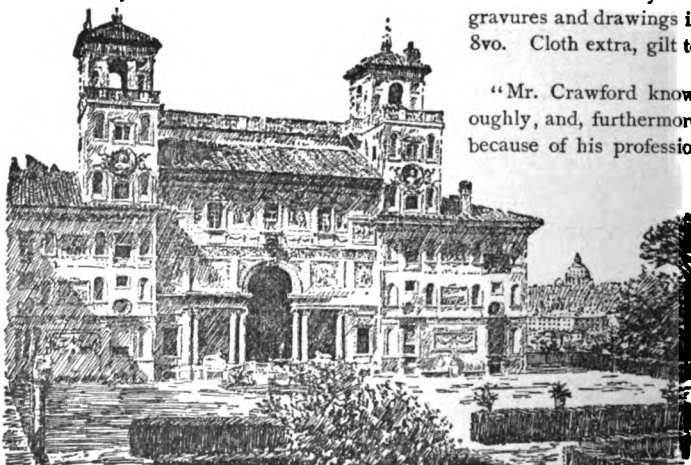


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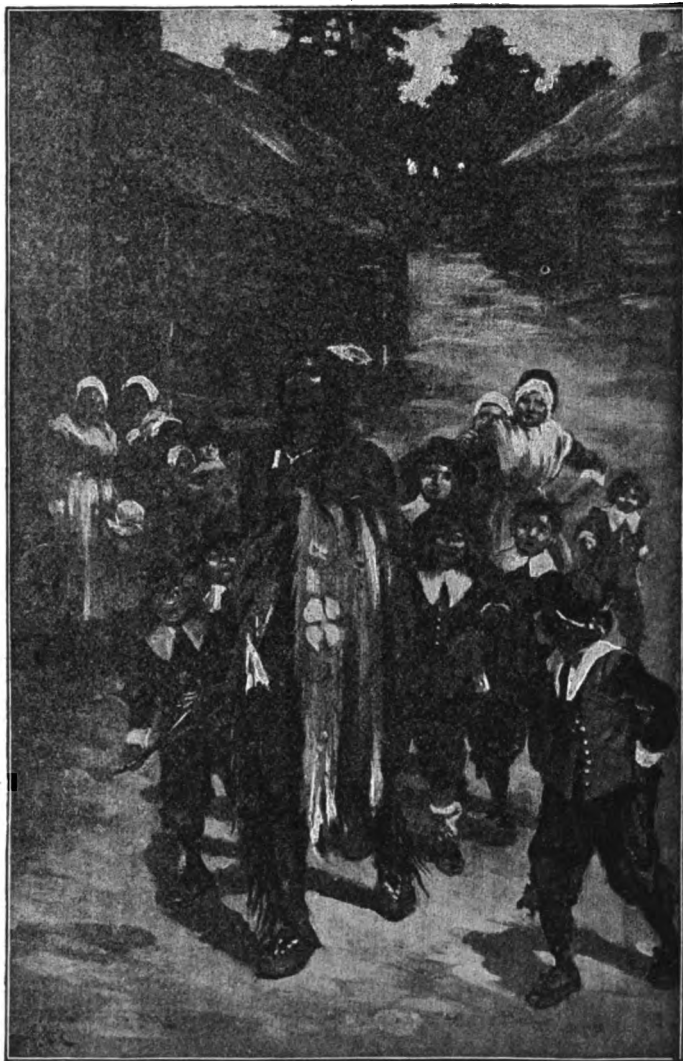
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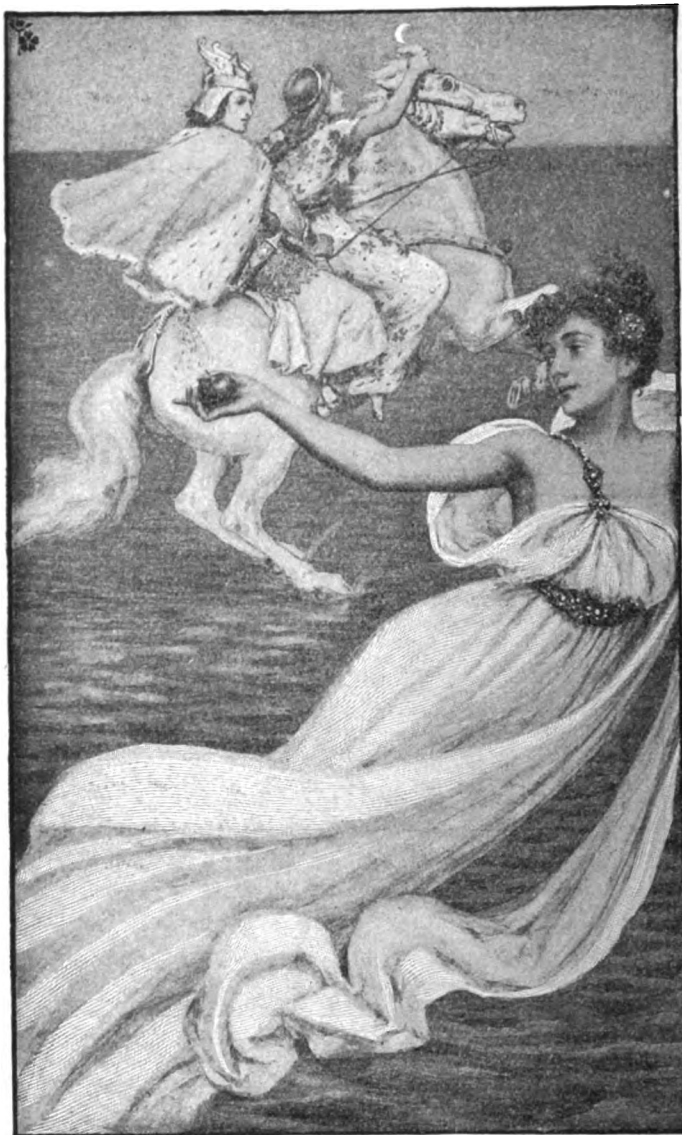
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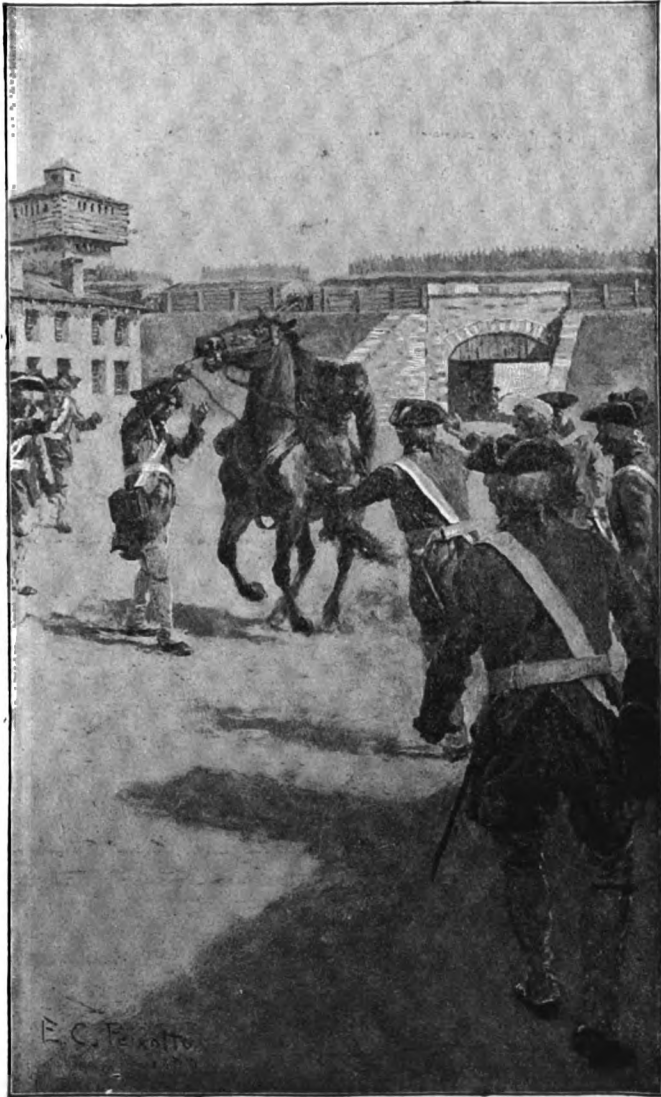
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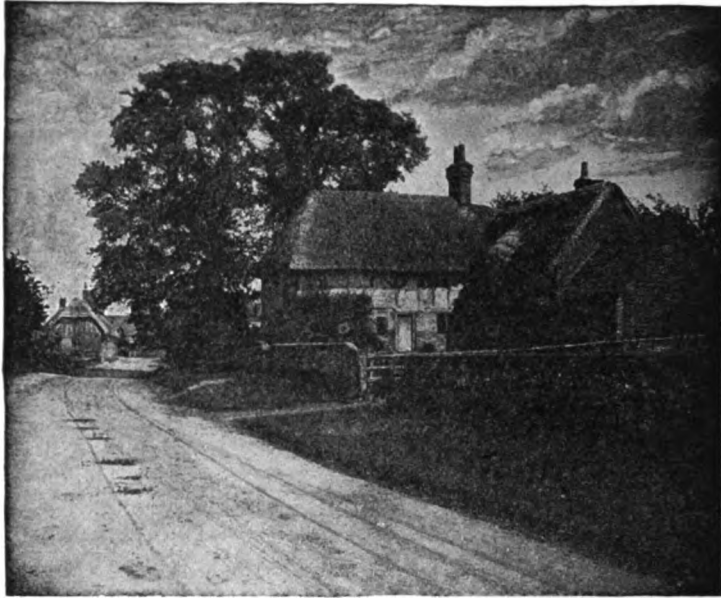
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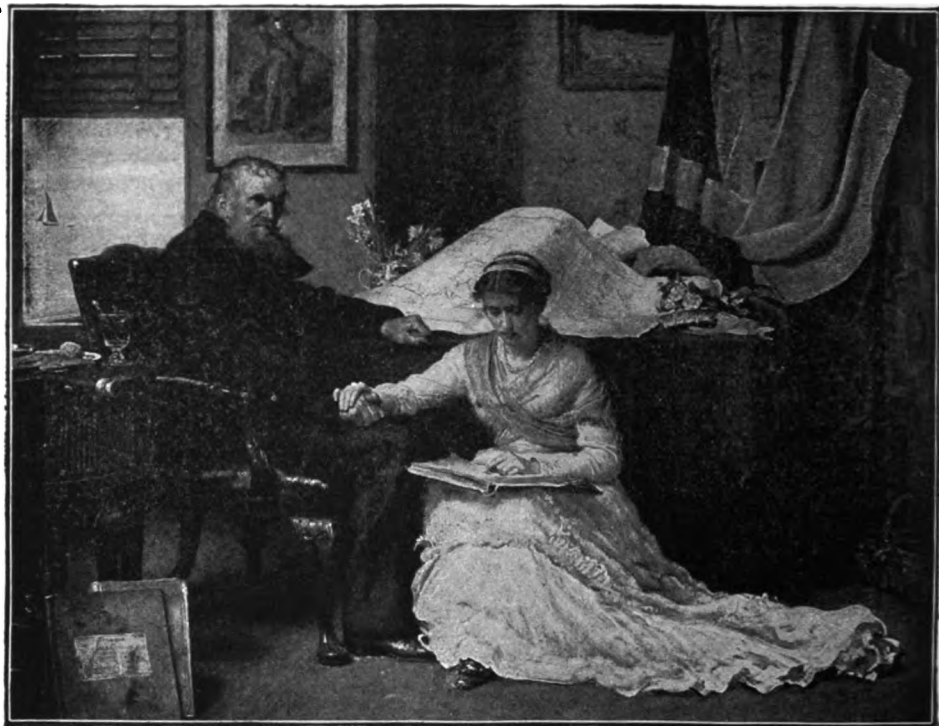
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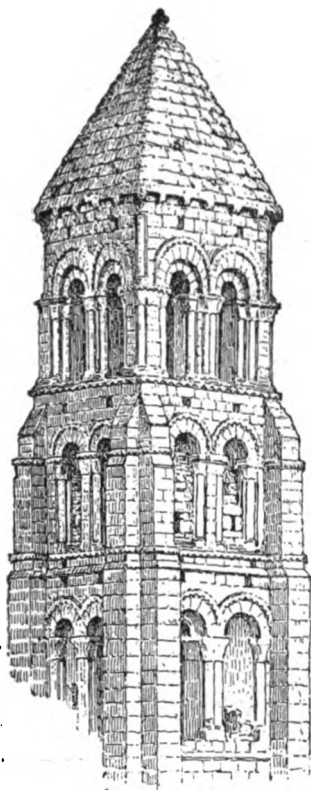
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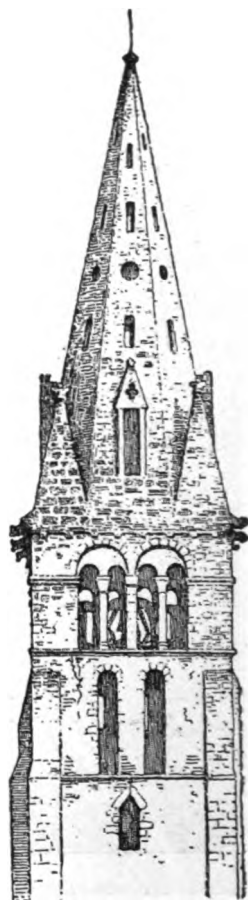
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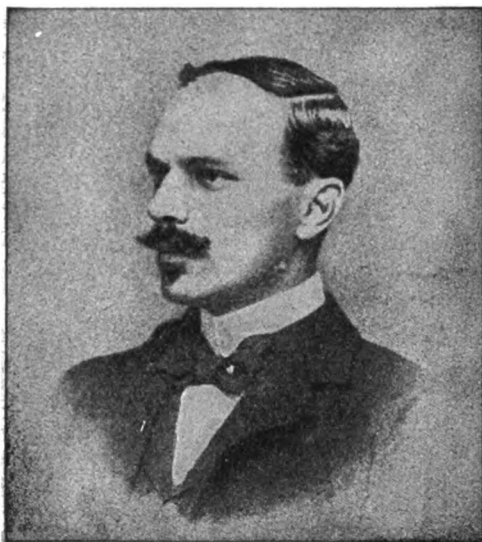
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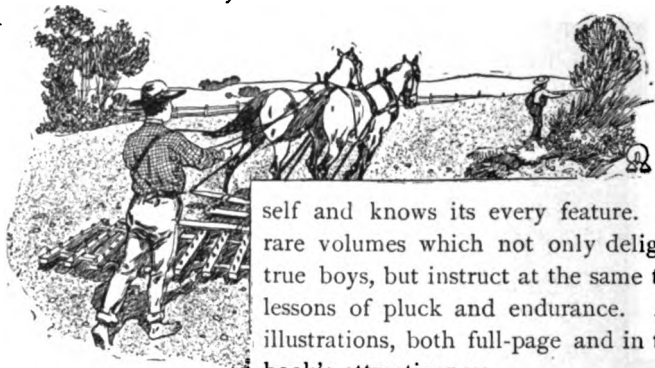


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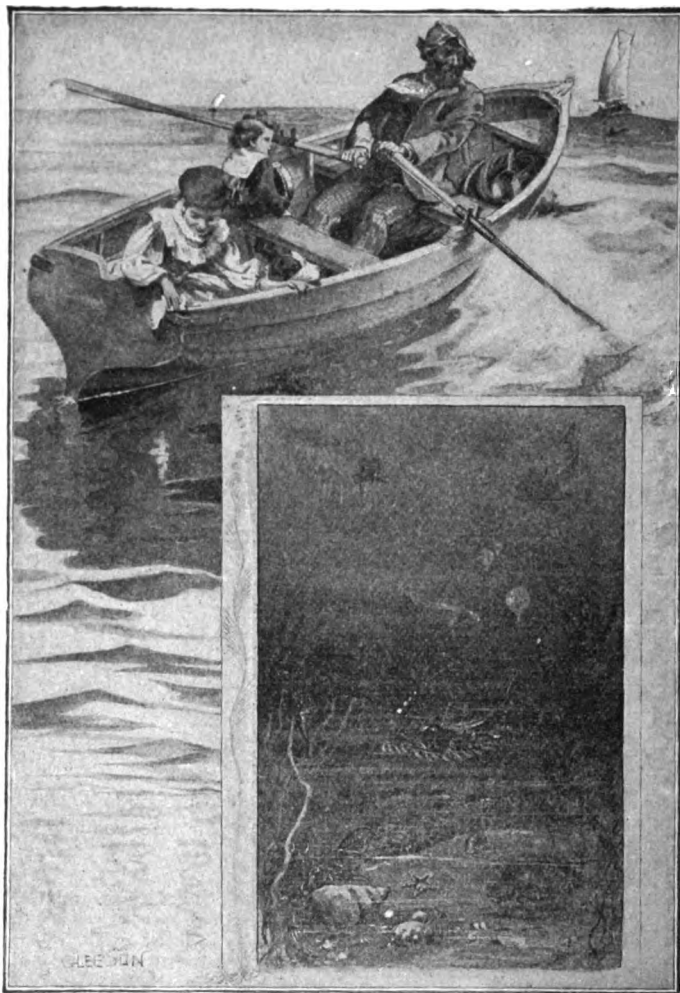
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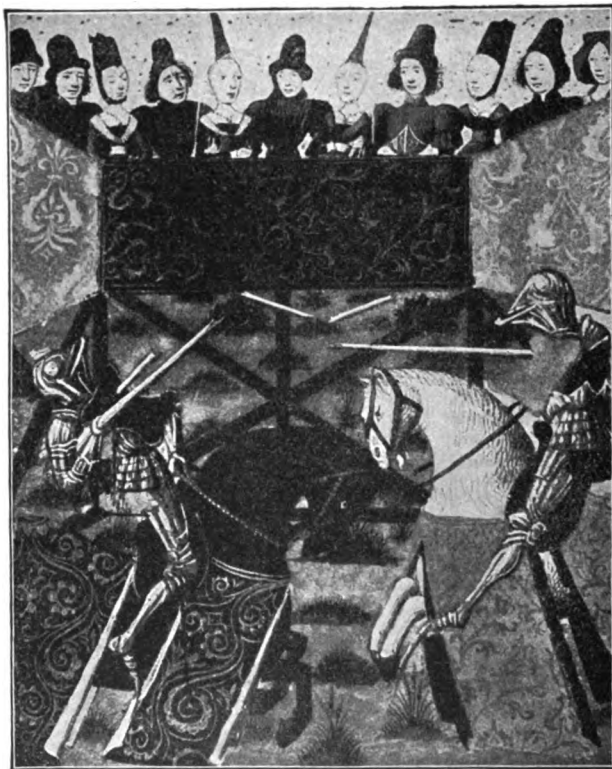
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